

529.5
P961
1873



PUBLIC LEDGER

1873



ALMANAC

GEO. W. CHILDS.
PUBLISHER



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THE PUBLIC LEDGER ALMANAC was commenced in 1870 for the use of the subscribers of the *Public Ledger*, and to furnish them with a useful Calendar throughout the year.

The numbers already issued have been received with so much satisfaction, and have been found so useful, that the Publisher has been induced to take particular care to make the present issue equal to those which have preceded it. A full Table of Contents will be found on the third page of the cover.

It is intended that every subscriber of the *Ledger* shall receive a copy of the Almanac, and to ensure this there have been printed over one hundred thousand copies.

The Ledger Almanac is not sold, but is furnished free of cost by the Publisher. It will be issued regularly every year, and its successive numbers will make a useful and interesting series of books.

GEORGE W. CHILDS.

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UNIVERSITY OF ILLINOIS

PUBLIC LEDGER CALENDAR

529.5
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1873

FOR 1873.

1873.	S.	M.	T.	W.	T.	F.	S.	1873.	S.	M.	T.	W.	T.	F.	S.
Jan.				1	2	3	4	July			1	2	3	4	5
	5	6	7	8	9	10	11		6	7	8	9	10	11	12
	12	13	14	15	16	17	18		13	14	15	16	17	18	19
	19	20	21	22	23	24	25		20	21	22	23	24	25	26
Feb.	26	27	28	29	30	31	.....	Aug.	27	28	29	30	31	.....	.....
	.....	.....	.....	.....	.....	.....	1		.....	.....	.....	.....	.....	1	2
	2	3	4	5	6	7	8		3	4	5	6	7	8	9
	9	10	11	12	13	14	15		10	11	12	13	14	15	16
	16	17	18	19	20	21	22		17	18	19	20	21	22	23
Mar.	23	24	25	26	27	28	.....		24	25	26	27	28	29	30
	.....	.....	.....	.....	.....	.....	1	Sept.	31	.....	.....	.....	.....	.....	.....
	2	3	4	5	6	7	8		.....	1	2	3	4	5	6
	9	10	11	12	13	14	15		7	8	9	10	11	12	13
	16	17	18	19	20	21	22		14	15	16	17	18	19	20
	23	24	25	26	27	28	29		21	22	23	24	25	26	27
April	30	31	.....	.....	.....	.....	.....		28	29	30	.....	.....	.....	.....
	.....	.....	1	2	3	4	5	Oct.	.....	.....	.....	1	2	3	4
	6	7	8	9	10	11	12		5	6	7	8	9	10	11
	13	14	15	16	17	18	19		12	13	14	15	16	17	18
	20	21	22	23	24	25	26		19	20	21	22	23	24	25
May	27	28	29	30	.....	.....	.....		26	27	28	29	30	31	.....
	.....	.....	.....	.....	1	2	3	Nov.	.....	.....	.....	.....	.....	.....	1
	4	5	6	7	8	9	10		2	3	4	5	6	7	8
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
June	.....	.....	.....	.....	.....	.....	.....		30	.....	.....	.....	.....	.....	.....
	1	2	3	4	5	6	7	Dec.	.....	1	2	3	4	5	6
	8	9	10	11	12	13	14		7	8	9	10	11	12	13
	15	16	17	18	19	20	21		14	15	16	17	18	19	20
	22	23	24	25	26	27	28		21	22	23	24	25	26	27
	29	30	.....	.....	.....	.....	.....		28	29	30	31	.....	.....	.....

First Month,]

JANUARY.

[1873.

MOON'S PHASES, Philadelphia.

d. h. m. d. h. m.
 ☽ First Quarter 5 4 27 P.M. ☾ Last Quarter 21 3 30 P.M.
 ○ Full Moon... 13 11 22 A.M. ● New Moon... 28 0 27 P.M.

PHENOMENA.

Day of the Year.	Day of the Month.	Day of the Week.	THE SUN, Philadelphia.			THE MOON, Philadelphia.				THE TIDES, Philadelphia.					Height in feet.	
			Rises A.M.	Souths P.M.	Sets P.M.	Rises A.M.	Souths P.M.	Sets P.M.	Age d.	High Tide A.M.	Low Tide P.M.	High Tide A.M.	Low Tide P.M.			
1	1	W	7 23	4 05	4 45	9 45	2 39	7 40	2	3 26	3 53	10 45	11 12	0.5		☾ Apo., 15d. 9h. P.M.
2	2	Th	7 23	4 33	4 46	10 24	3 36	8 56	3	4 18	4 44	11 37	...	6.5		☾ Per., 28d. 8h. P.M.
3	3	F	7 23	5 0	4 47	10 56	4 29	10 11	4	5 9	5 32	0 3	0 28	6.3		9.45 P.M. ☽ ♀ ☽.
4	4	S	7 23	5 28	4 48	11 23	5 18	11 22	5	5 55	6 18	0 51	1 14	6.1		8. 5 P.M. ☽ sets.
5	5	S	7 23	5 55	4 49	11 49	6 5	A.M.	6	6 40	7 4	1 37	1 59	5.9		10.35 A.M. ☽ station.
6	6	M	7 23	6 21	4 50	0 15	6 51	0 30	7	7 28	7 56	2 23	2 47	5.6		5.41 A.M. ☽ rises.
7	7	Tu	7 23	6 47	4 51	0 41	7 37	1 37	8	8 25	8 53	3 15	3 44	5.4		4.38 P.M. ☽ gr. E. I. W.
8	8	W	7 23	7 12	4 52	1 10	8 25	1 44	9	9 25	9 53	4 12	4 44	5.3		5.13 A.M. ☽ ☽.
9	9	Th	7 22	7 37	4 53	1 43	9 14	3 49	10	10 22	10 52	5 12	5 41	5.5		8.29 P.M. 7* ☽.
10	10	F	7 22	8 1	4 54	2 22	10 5	4 53	11	11 20	11 47	6 11	6 39	5.5		3.01 A.M. ☽ south.
11	11	S	7 22	8 24	4 55	3 6	10 57	5 54	12	...	0 14	7 6	7 33	5.9		10.09 P.M. oc. ☽ Tarin
12	12	S	7 22	8 47	4 56	3 57	11 49	6 49	13	0 39	1 1	7 58	8 20	6.1		6.13 P.M. Sir. rises.
13	13	M	7 21	9 10	4 57	4 54	A.M.	7 37	14	1 23	1 44	8 42	9 3	6.2		0.36 A.M. Mars rises
14	14	Tu	7 21	9 31	4 58	5 53	0 39	8 19	15	2 7	2 28	9 26	9 47	6.4		8.27 P.M. ☽ sets.
15	15	W	7 21	9 52	4 59	6 55	1 27	8 54	16	2 49	3 9	10 8	10 28	6.5		11.24 A.M. ☽ ☽.
16	16	Th	7 20	10 13	5	7 54	2 12	9 23	17	3 29	3 49	10 48	11 8	6.5		6.47 A.M. ☽ ☽.
17	17	F	7 19	10 32	5 2	8 54	2 56	9 49	18	4 8	4 27	11 27	11 46	6.5		9.25 P.M. Capella N.
18	18	S	7 19	10 51	5 3	9 53	3 37	10 11	19	4 45	5 4	...	0 4	6.4		9.42 A.M. ☽ ☽.
19	19	S	7 19	11 9	5 4	10 53	4 18	10 33	20	5 22	5 41	0 23	0 41	6.3		0.46 P.M. ☽ in ☽.
20	20	M	7 18	11 27	5 5	11 54	4 58	10 55	21	5 59	6 19	1 0	1 18	6.1		2.18 A.M. ☽ south.
21	21	Tu	7 17	11 44	5 6	A.M.	5 40	11 18	22	6 39	7 2	1 38	1 58	5.9		5.14 P.M. Pole* N.
22	22	W	7 17	11 59	5 7	0 57	6 25	11 44	23	7 25	7 53	2 21	2 44	5.7		9.06 P.M. Rigel S.
23	23	Th	7 16	12 15	5 9	2 5	7 13	0 15	24	8 24	8 58	3 12	3 43	5.4		10.31 A.M. ☽ ☽.
24	24	F	7 15	12 29	5 10	3 14	8 6	0 53	25	9 31	10 06	4 17	4 50	5.3		11.41 A.M. ☽ ☽.
25	25	S	7 15	12 43	5 11	4 26	9 5	1 41	26	10 40	11 17	5 25	5 59	5.6		10.03 P.M. Sirius S.
26	26	S	7 14	12 56	5 12	5 36	10 8	2 42	27	11 52	...	6 36	7 11	5.8		8.53 P.M. ☽ sets.
27	27	M	7 13	13 8	5 13	6 39	11 14	3 50	28	0 24	0 53	7 43	8 12	6.0		3.04 A.M. Ald. sets.
28	28	Tu	7 12	13 19	5 15	7 33	0 18	5 11	29	1 22	1 49	8 41	9 8	6.3		1.51 P.M. ☽ ☽.
29	29	W	7 11	13 29	5 16	8 19	1 20	6 31	1	2 16	2 42	9 35	10 1	6.4		1.34 A.M. ☽ south.
30	30	Th	7 10	13 39	5 17	8 52	2 16	7 49	2	3 8	3 32	10 27	10 51	6.5		11.46 P.M. ☽ south.
31	31	F	7 10	13 48	5 18	9 23	3 9	9 5	3	3 56	4 19	11 15	11 38	6.5		1.21 A.M. ☽ ☽.
																1.50 P.M. ☽ ☽.

ASTRONOMICAL INFORMATION, Etc.

Chronological Cycles.

Dominical Letter.....	E
Epact	1
Lunar Cycle.....	12
Solar Cycle.....	6
Roman Indiction.....	1
Julian Period.....	6586

Abbreviations.

☽ Ascending node.	° Degrees.
☾ Descending node.	' Minutes of arc.
N. North. S. South.	h. Hours.
E. East. W. West.	m. Minutes of time.
	s. Seconds of time.

Signs of the Planets.

☉ The Sun.	♂ Mars.
☾ The Moon.	♂ Jupiter.
☿ Mercury.	♂ Saturn.
♀ Venus.	♂ or ♀ Uranus.
♁ or ♂ The Earth.	♂ Neptune.

Signs of the Zodiac.

♈ Aries.	♌ Libra.
♉ Taurus.	♍ Scorpio.
♊ Gemini.	♎ Sagittarius.
♋ Cancer.	♏ Capricornus.
♌ Leo.	♐ Aquarius.
♍ Virgo.	♑ Pisces.

Aspects.

☽ Conjunction, having the same	Longitude or
☾ Quadrature, differing 90° in	Right As-
☿ Opposition, differing 180° in	cension.

Fixed and Movable Feasts, etc., 1873.

Epiphany.....	Jan. 6
Valentine's Day.....	Feb. 14
Shrove Tuesday.....	" 25
Ash Wednesday.....	" 26
St. Patrick's Day.....	Mar. 17
Palm Sunday.....	Apr. 6
Maundy Thursday.....	" 10
Good Friday.....	" 11
Easter Sunday.....	" 13
Whitsunday.....	June 1
Trinity Sunday.....	" 8
St. John the Baptist's Day.....	" 24
All Saints' Day.....	Nov. 1
All Souls' Day.....	" 2
Advent Sunday.....	" 30
Christmas Day.....	Dec. 25
St. John the Evangelist's Day.....	" 27

SCIENTIFIC.

COMETS.

As our knowledge of the physical nature of space increases, these bodies become of more and more interest, because the phenomena attending them reveal to us more in this direction than we derive from all other sources put together.

When all the facts which the whole history of astronomy has been able to furnish, collated and digested with all the appliances of science, fail to give us any certain knowledge of whence they come, whither they go or what they are, it is not surprising that the multitude has often been disturbed with anxiety amounting to terror in view of the fiery appearance, amazing size and rapid motion with which they sometimes appear. Yet there is nothing in their history, extending over two thousand years, to indicate that there is the slightest cause for fear. There is no evidence that the green old earth has ever been disturbed in the slightest degree by any of them. It has been supposed that the atmosphere, if it should absorb a comet, might become baneful and injurious to life. But although it is quite likely that if a comet should come near enough it might be in part absorbed and mingled with the atmosphere, yet the supposition that injury would be the result is without the slightest foundation. It is quite as likely that the largest comet would not sensibly affect us or our envelope, and it is quite probable that we have already run into several of them, and shall run into many more, without knowing it. It is well known that the earth is a part of what is called the solar system—that is, in the immense, unlimited space, incomprehensible, unmeasured by the imagination even, the sun with a few small bodies floats, as it were, toward some inconceivable goal. These bodies keep up among themselves a series of complicated motions the order of which can never change. In the language of the old book, everything about the system is "good," in equilibrium and harmony with law. There is nowhere any tendency to disorder. The religious mind attributes this to the will of a Creator—a will everywhere manifested without opposition except from the independent wills of the human race, an opposition which is of necessity self-destroying, and therefore tending to order as surely as the troubled sea beats itself to rest.

The motion of the planets among themselves is very generally appreciated, but the march of the whole system onward through space has not been brought so prominently forward and is not so generally understood. Astronomers have but little knowledge on the subject beyond the bare fact that such a motion through space exists, and is in harmony with the anomalous character of comets.

Now, comets are strangers in the solar system which we pick up in our journey through space. The way in which they enter our quiet family of brothers and sisters is amusing as well as instructive. Their entrance is sideways or backward or decent and orderly, just as it happens. They run before the planets or against them, as if perfectly unconscious of their existence. Their general aim seems to be to get as near the sun as possible, and after one near look into his blazing face they wheel off as awkward in their exit as their entrance, and are never seen again. But though erratic strangers, they are not lawless. Indeed, we owe to a comet as much as to anything else the establishment in the human mind of the law

of gravity. Since Newton's discovery that bodies which have weight and motion must have those qualities under certain conditions which are called the laws of gravity, the paths or orbits of these visitors have always been computed. In consequence of this law and the other laws of matter, their paths cannot be zig-zag like the lightning, but must be either straight or in some regular curve. The possible curve for a comet varies gradually from a straight line down to a circle. But whatever curve it enters the system upon it must continue to travel in, unless it runs too near some of the planets and is compelled to take a new course. Many of the comets first appear in a curve, which, like a circle, would bring them back again after a certain time. Such comets are called periodic comets. But they do not seem to take up any very permanent place among the planets. Some of those at first periodic have, from disintegration or from perturbation by planets and asteroids, failed to return, and such is the probable final fate of all of them. Of late years they have been seen at the rate of about two every year, and yet of all this number there are only two or three whose returns are confidently looked for. There are several comets which have received the names of their discoverers or computers, and are recognized as belonging to our system. It is to these that astronomers look for instruction as to the nature of the interplanetary spaces. One of them (Encke's) has given rise to a great deal of discussion and study. Its motion seemed to indicate that space was not empty, but filled with something that could resist the motion of the comet through it. Whether this is so is still a question which can only be settled by further accurate observation and laborious computation.

Besides Encke's, the principal periodic comets are: Halley's, having a period of about seventy-six years—last seen in January, 1836, most famous for its connection with Newton's discoveries; Olber's, having a period of seventy-four years—expected in 1891; De Vice's, having a period of about seventy years—last seen in 1846; and Faye's, having a period of seven years—most remarkable for having been lost and rediscovered in consequence of the more accurate computations of Leverrier.

These comets are mainly interesting because their paths have been computed with considerable accuracy, and they may perhaps be seen again. But the history of some of the more brilliant of these visitors would be far more interesting to the general reader, such as the comet which appeared in 371 B. C., of very great magnitude and accompanied by an earthquake, and the earthquake was, of course, attributed to the comet's influence. In 203 B. C. a comet was seen of such size as to extend across the whole sky. In this case the earth does not seem to have been disturbed. In 156 B. C. a comet was seen, which is described as red and fiery and as large and bright as the sun. In 43 B. C. a comet appeared sufficiently bright to be seen plainly in the daytime. In 253 A. D. a comet was seen the tail of which extended over about one-third of the sky. In 400 A. D. a comet was seen having a length of 30° and in shape like a sword. The shape of course added to its awful import. But still the earth and its inhabitants traveled on, having more cause to fear swords within reach than their beautiful visitor in the sky. In 539 A. D. another great comet was seen extending

Second Month,]

FEBRUARY.

[1873.

MOON'S PHASES, Philadelphia.

☽ First Quarter 4 5 A.M. ☾ Last Quarter 20 6 23 A.M.
 ○ Full Moon... 12 6 23 A.M. ● New Moon... 26 10 22 P.M.

PHENOMENA.

Day of the Year.	Day of the Month.	Day of the Week.	THE SUN, Philadelphia.			THE MOON, Philadelphia.			THE TIDES, Philadelphia.				Height in Feet.	
			Rises	Souths	Sets	Rises	Souths	Sets	High	Tide.	Low Tide.			
			A.M.	P.M.	P.M.	A.M.	P.M.	P.M.	A.M.	P.M.	A.M.	P.M.		
			<i>h. m.</i>	<i>m. s.</i>	<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>		
32	1	S	7 8	13 55	5 19	9 50	3 58	10 17	4	4 42	5 4	...	0 1	6.4
33	2	S	7 7	14 3	5 21	10 17	4 46	11 26	5	5 26	5 48	0 23	0 45	6.3
34	3	M	7 7	14 9	5 22	10 43	5 34	A.M.	6	6 10	6 33	1 7	1 29	6.0
35	4	W	7 5	14 14	5 23	11 12	6 22	0 34	7	6 57	7 22	1 52	2 16	6.8
36	5	Tu	7 4	14 19	5 24	11 44	7 11	1 42	8	7 51	8 22	2 41	3 10	6.5
37	6	Th	7 3	14 22	5 26	0 20	8 2	2 47	9	8 54	9 26	3 41	4 13	5.3
38	7	F	7 2	14 25	5 27	1 3	8 53	3 50	10	9 56	10 26	4 45	5 15	5.4
39	8	S	7 1	14 27	5 28	1 52	9 45	4 46	11	10 56	11 26	5 45	6 15	5.6
40	9	S	7 0	14 29	5 29	2 47	10 35	5 36	12	11 52	...	6 45	7 11	5.8
41	10	M	6 59	14 29	5 30	3 46	11 24	6 18	13	0 18	0 41	7 37	8 0	6.0
42	11	Tu	6 58	14 29	5 32	4 46	A.M.	6 55	14	1 2	1 22	8 21	8 41	6.2
43	12	W	6 56	14 28	5 33	5 47	0 10	7 25	15	1 40	2 0	8 59	9 19	6.3
44	13	Th	6 55	14 26	5 34	6 47	0 54	7 52	16	2 20	2 39	9 39	9 58	6.4
45	14	F	6 54	14 24	5 35	7 47	1 36	8 15	17	2 57	3 16	10 16	10 35	6.5
46	15	S	6 52	14 20	5 36	8 46	2 17	8 37	18	3 33	3 51	10 52	11 10	6.5
47	16	S	6 51	14 16	5 37	9 46	2 57	8 59	19	4 9	4 28	11 28	11 47	6.5
48	17	M	6 50	14 12	5 39	10 48	3 38	9 21	20	4 46	5 6	...	0 5	6.4
49	18	Tu	6 49	14 6	5 40	11 52	4 21	9 46	21	5 25	5 46	0 25	0 44	6.3
50	19	W	6 47	14 0	5 41	A.M.	5 7	10 14	22	6 7	6 31	1 5	1 26	6.1
51	20	Th	6 46	13 54	5 42	0 59	5 56	10 47	23	6 56	7 24	1 50	2 15	5.8
52	21	F	6 45	13 46	5 43	2 8	6 51	11 29	24	7 56	8 33	2 43	3 15	5.5
53	22	S	6 43	13 39	5 44	3 17	7 50	0 22	25	9 10	9 50	3 52	4 29	5.3
54	23	S	6 42	13 30	5 45	4 21	8 52	1 25	26	10 26	11 3	5 9	5 45	5.5
55	24	M	6 40	13 21	5 47	5 18	9 56	2 39	27	11 38	...	6 22	6 57	5.7
56	25	Tu	6 39	13 11	5 48	6 6	10 58	3 58	28	0 10	0 40	7 29	7 59	6.0
57	26	W	6 37	13 1	5 49	6 45	11 57	5 18	29	1 5	1 20	8 24	8 39	6.2
58	27	Th	6 36	12 50	5 50	7 18	0 52	6 37	1	1 53	2 19	9 12	9 38	6.4
59	28	F	6 34	12 39	5 51	7 47	1 45	7 53	2	2 42	3 5	10 1	10 24	6.5

ECLIPSES IN 1873.

In the year 1873 there will be two Eclipses of the Sun and two of the Moon, all invisible at Philadelphia.

I. A Total Eclipse of the Moon, May 12, 1873, commencing at 3 20 A.M., Washington time, in longitude $67^{\circ} 19'$ west of Washington, and $17^{\circ} 46'$ south latitude, and ending in longitude $120^{\circ} 31'$ west, and latitude $18^{\circ} 29'$ south.

II. A Partial Eclipse of the Sun, May 26, 1873, commencing at 1.55 A.M. The North Pole is near the centre of the area over which this eclipse will be visible. The outline of that area takes in a small portion of the north of Africa, most of Europe, the northern third of Asia and a narrow strip along the northern coast of America. The eclipse is nearly total, about nine-tenths of the sun's diameter being eclipsed.

III. A Total Eclipse of the Moon, November 4, 1873, commencing at 8 A.M., in longitude $139^{\circ} 22'$ west and latitude $15^{\circ} 0'$ north, and ending in longitude $170^{\circ} 2'$ east and latitude $15^{\circ} 50'$ north.

IV. A Partial Eclipse of the Sun, November 19, 1873, commencing at 8.30 P.M. The centre of the area within which this Eclipse is visible is near the South Pole. The outline of that area approaches near the southern point of Africa, but does not enclose any land except the land supposed to lie around the South Pole. About one-half the sun's diameter will be eclipsed.

THE EPHEMERIS.

THE Ephemeris of the present year gives, as heretofore, the day of the year, the day of the month and day of the week, in civil time, according to which the day begins at midnight. Next are given the time of sunrise, the time before or after noon at which the sun's centre souths and the time of sunset. The times of sunrise and sunset are in each case for the upper limb or edge of the sun, corrected for refraction. They are more accurate than usually found in popular almanacs, and will give the time with sufficient accuracy for ordinary purposes. An ordinary surveyor's level will give the horizon where the upper edge of the sun should be at the time given in the almanac. If the telescope of the leveling instrument inverts, the upper edge will, of course, be apparently the lower one. Next are given the times of rising, southing and setting of the moon's centre, and also its age, or the number of days elapsed since new moon. Then follow the times of high and low water for Philadelphia. For these we are indebted to the United States Coast Survey in advance of their publication by the office. Lastly is given a collection of interesting astronomical phenomena for the year.

THE first number of the *Public Ledger* was published March 25, 1836, at Nos. 38 and 39 Arcade, East avenue, by Swain, Abell & Simmons.

nearly the entire distance from east to west. And so on every few years down to the present time have these blazing torches appeared in the sky, objects for study and admiration and of much causeless fear. The spectroscope has lately added something to our knowledge of their character, and there is strong reason to believe that their light is mainly electrical, like that of our aurora. This is not inconsistent with what is already known of their extreme tenuity; and although our knowledge of them is mainly negative, it is safe to say they are as harmless as a rainbow.

METEORS AND SHOOTING STARS.

AMONG the wonderful phenomena of the skies, meteors in their different forms are now receiving a large share of scientific inquiry. The regions of space seem to have distributed through them masses of solid matter. Their origin is entirely unknown, nor has even a satisfactory conjecture presented itself to the mind of any astronomer. Perhaps the nearest approach to an explanation is that which attributes them to the moon. It can be shown by proper mathematical reasoning that a certain amount of force, like that which sends a ball from the mouth of a cannon, would be sufficient to send fragments of rock so far from the moon's surface that, instead of falling back upon it again, they would fall toward the earth. It has been conceived that volcanic eruptions might supply such a force in our satellite, and be the origin of that class of meteors called aerolites or air-stones. The present condition of the moon does not encourage this belief. Although the moon gives evidence of such action on a very large scale at some past time, there is not a trace of it now. Since mankind have known anything about the moon, its face has been as quiet and undisturbed as the rocky steeps of Gibraltar. Not a puff of smoke or vapor has ever been seen, although it has been constantly and carefully studied. Its mountains and hills are all named and quite as well known as those of the earth. It seems more consistent with our present knowledge to attribute them to the same source from which our comets come—that is, the unknown regions of space. Coming near enough to be drawn to the earth, they perhaps make a few revolutions around it, and then, impeded by the atmosphere, fall upon it. They are of course invisible and cold beyond conception until struck by the earth's atmosphere. Strange and beautiful is the effect this has upon them. In order to fully understand it, we must bear in mind the immense velocity of our motion around the sun. A cannon-ball leaves the mouth of the cannon with a speed of about one thousand feet in one second, and if suddenly arrested it grows red hot. This is in accordance with a well-known law. No motion is ever lost. It appears to be lost because it is changed into motion of some other kind. The visible motion of the cannon-ball is changed into the invisible motion of heat. The lighting of a common match by passing it over a rough surface is a familiar instance of the same law. Now, our motion around the sun is nearly one thousand miles in a minute, or ninety times as fast as the cannon-ball. And so, when the cold stone enters the atmosphere, this great motion is almost all converted into heat, and the effect is not only to melt the stone, but usually to vaporize some portion of it and explode it. Hence the train of burning matter, the in-

tense light and the usual separation into fragments brilliant and beautiful beyond conception.

All this usually takes place in the upper regions of the atmosphere, and when the meteors reach the earth they have become partly cooled and solid again. Great numbers of them have been found, usually when seen to fall, and almost every museum has one or more specimens.

There is another class of meteors, not less interesting, which are called shooting stars, because they are small and starlike. They are never found upon the earth like the others, but seem to be dissipated into vapor or to pass only through the outer limits of the atmosphere. They merely glow for an instant in a path of light between the stars, and disappear. Almost every clear night some of these shooting stars can be seen if sought long enough in that part of the heaven toward which our earth is moving. But what is most remarkable about them is that they come in great numbers on or about two special days in the year. These days are the 11th or 12th of August and the 13th or 14th of November. Their numbers then are always remarkable; but on several occasions the display has been extremely beautiful, or fearful and terrific, according to the observer's state of mind. The falling stars on these nights have been described as being in number like raindrops, so that they are called star showers or meteoric showers. Their regular return makes it impossible that they should be regarded as cometary. Such regularity can only be explained by supposing them to form a part of the solar system. If we suppose a ring composed of an immense number of particles weighing an ounce or two each, and conceive this ring to have such a position around the sun that the earth will pass into it in August and November, then we should have just such a display. Accordingly, this explanation is received as satisfactory, and observations are eagerly sought in order to determine all the properties of the ring, such as its dimensions, its position in regard to the planets and its motion. Much time and patience will be required for this purpose, and many years of observation. The distance of many of them has already been measured with considerable accuracy, sufficient to give us some idea of their size and show that they without doubt take fire in our atmosphere. The result is that they first strike the atmosphere at a distance of between seventy or eighty miles. The origin of the ring is at present a matter of pure speculation. Some attempt has been made to identify it with some one of the comets. It is supposed that a comet has been arrested in its flight by the earth, or one of the planets, and distributed in a ring around the sun, its gases and vapors condensed into particles too small to be seen until fired by contact with the air. It does not seem to be within the scope of observation to settle this point, and it is probable the origin of the ring will ever remain a matter of speculation. The most we hope to do is to learn more of its present character.

THE TRANSIT OF VENUS.—The transit of Venus, which will take place December 8, 1874, is an event which is looked for with great interest by astronomers. This phenomenon is rare. Within two hundred and thirty-three years there have been but two—namely, in 1639 and on June 3, 1769, which was observed by a committee of the American Philosophical Society.

Third Month,]

MARCH.

[1873.

MOON'S PHASES, Philadelphia.

d. h. m.
 ☽ First Quarter 5 8 24 P.M.
 ☾ Full Moon... 14 0 44 P.M.

d. h. m.
 ☾ Last Quarter 21 5 19 P.M.
 ☽ New Moon... 28 7 54 P.M.

PHENOMENA.

Day of the Year.	Day of the Month.	Day of the Week.	THE SUN, Philadelphia.			THE MOON, Philadelphia.				THE TIDES, Philadelphia.				Height in feet.	Phenomena.
			Rises	Souths	Sets	Rises.	Souths	Sets.	Age.	High Tide.	Low Tide.				
			A.M. h.m.	P.M. m. s.	P.M. h.m.	A.M. h. m.	P.M. h. m.	P.M. h. m.	d.	A.M. h. m.	P.M. h. m.	A.M. h. m.	P.M. h. m.		
60	1	S	6 33	12 27	5 52	8 15	2 35	9 6	3	3 27	3 49	10 46	11 8	6.5	11.34 P.M. ☽ ♀ ☾.
61	2	S	6 31	12 15	5 53	8 42	3 24	10 18	4	4 11	4 34	11 30	11 53	6.5	3.06 A.M. ☽ ♀ ☾.
62	3	M	6 30	12 2	5 54	9 10	4 14	11 29	5	4 56	5 19	...	0 15	6.4	11.01 P.M. ♀ south.
63	4	Tu	6 28	11 49	5 55	9 42	5 5	A.M.	6	5 42	6 5	0 38	1 1	6.2	3.58 A.M. ♀ south.
64	5	W	6 27	11 35	5 57	10 17	5 56	0 36	7	6 31	6 55	1 24	1 50	5.9	11.46 P.M. Rigel sets.
65	6	Th	6 25	11 21	5 58	10 59	6 48	1 41	8	7 22	7 52	2 14	2 41	5.7	11.32 P.M. ♀ sets.
66	7	F	6 24	11 6	5 59	11 47	7 40	2 41	9	8 26	8 59	3 11	3 45	5.4	7.36 P.M. Sirius S.
67	8	S	6 22	10 51	6 1	12 41	8 31	3 34	10	9 31	10 2	4 18	4 50	5.3	2.53 A.M. ♀ in ☽.
68	9	S	6 20	10 35	6 2	1 38	9 21	4 18	11	10 30	10 59	5 21	5 49	5.5	2.56 P.M. ☽ ♀ ☾.
69	10	M	6 19	10 20	6 2	2 39	10 7	4 56	12	11 26	11 50	6 18	6 45	5.7	0.16 A.M. Ald. sets.
70	11	Tu	6 17	10 3	6 3	3 39	10 52	5 28	13	...	0 13	7 9	7 32	5.8	9.18 A.M. ☽ ♀ ☾.
71	12	W	6 16	9 47	6 4	4 39	11 35	5 56	14	0 34	0 53	7 53	8 12	6.0	4.47 P.M. ☽ in Per.
72	13	Th	6 14	9 30	6 5	5 40	A.M.	6 20	15	1 12	1 29	8 31	8 48	6.2	9.58 P.M. ♀ sets.
73	14	F	6 13	9 13	6 6	6 39	0 16	6 42	16	1 46	2 5	9 5	9 24	6.3	10.09 P.M. ♀ rises.
74	15	S	6 11	8 56	6 7	7 39	0 58	7 4	17	2 23	2 41	9 42	10 0	6.4	5.52 A.M. oc. v Virg.
75	16	S	6 10	8 39	6 8	8 42	1 37	7 26	18	2 59	3 18	10 18	10 37	6.5	10.04 P.M. ♀ south.
76	17	M	6 8	8 21	6 9	9 45	2 20	7 49	19	3 36	3 55	10 55	11 14	6.5	7.42 P.M. ♀ sets.
77	18	Tu	6 7	8 3	6 10	10 52	3 4	8 16	20	4 16	4 37	11 35	11 56	6.5	7.34 P.M. ♀ Gr. E. I. E.
78	19	W	6 5	7 45	6 11	11 59	3 53	8 47	21	4 59	5 23	...	0 18	6.4	7.46 P.M. ♀ sets.
79	20	Th	6 3	7 27	6 12	A.M.	4 44	9 25	22	5 47	6 13	0 42	1 6	6.2	7.52 A.M. Spring beg.
80	21	F	6 2	7 9	6 13	1 7	5 41	10 12	23	6 40	7 11	1 32	1 59	5.9	3.53 P.M. ♀ stat.
81	22	S	6 0	6 51	6 14	2 11	6 40	11 10	24	7 44	8 22	2 30	3 3	5.6	10.39 P.M. Rigel sets
82	23	S	5 58	6 32	6 15	3 9	7 42	0 17	25	9 1	9 38	3 41	4 20	5.3	5.53 P.M. ☽ ♀ ☾.
83	24	M	5 57	6 14	6 16	3 58	8 42	1 32	26	10 13	10 59	4 57	5 32	5.5	9.34 P.M. ♀ rises.
84	25	Tu	5 55	5 56	6 17	4 40	9 41	2 49	27	11 21	11 49	6 8	6 40	5.7	9.26 P.M. ♀ south.
85	26	W	5 54	5 37	6 18	5 14	10 36	4 8	28	...	0 19	7 9	7 38	5.9	5.48 P.M. ♀ stat.
86	27	Th	5 52	5 19	6 19	5 45	11 29	5 24	29	0 43	1 50	8 2	8 26	6.1	3.03 A.M. ♀ rises.
87	28	F	5 50	5 1	6 20	6 12	0 20	6 39	0	1 28	1 57	8 47	9 9	6.3	9.57 P.M. ♀ sets.
88	29	S	5 49	4 42	6 21	6 39	1 11	7 53	1	2 12	2 35	9 31	9 54	6.4	0.38 A.M. ☽ ♀ ☾.
89	30	S	5 47	4 24	6 22	7 7	2 1	9 6	2	2 57	3 19	10 16	10 38	6.5	 ♀ Gr. brill.
90	31	M	5 46	4 6	6 23	7 37	2 53	10 18	3	3 42	4 5	11 1	11 24	6.5	3.18 A.M. ☽ ♀ ☾.

HEBREW CALENDAR FOR 1873.

5633.	1873.	
Tebeth	12 Jan.	1
Sebat	1 " "	19 New Moon.
	15 Feb.	2 Chamisha Assar.
Adar	1 " "	18 New Moon.
	13 Mar.	2 Fast of Esther.
	14 " "	3 Purim.
Nisan	1 " "	19 New Moon.
	3 " "	21 Sabbath.
	15 Apr.	2 1st Day of Passover.*
	17 " "	4 Sabbath Chal Moed.
	21 " "	8 7th Day of Passover.*
	24 " "	11 Sabbath. [end.
Yiar	1 " "	18 " and New Moon.
	15 May	2 " "
	18 " "	5 Lag B'omer.
Sivan	1 " "	17 New Moon.
	6 " "	22 Shobuoth.*
Tamuz	1 June	16 New Moon.
	5 " "	20 Sabbath.
	17 July	2 Feast of Tamuz.
	19 " "	4 Sabbath.
Ab	1 " "	15 New Moon.
	4 " "	18 Sabbath.

5633.	1873.	
Ab	9 July	23 Fast of Ab, Destruction
"	11 " "	25 Sabbath. [of Jerusalem
"	15 " "	26 Chamoshah Assar.
"	18 Aug.	1 Sabbath.
Ellul	1 " "	14 New Moon.
"	2 " "	15 Sabbath.
5634.	1873.	
Tishri	1 Sept.	22 New Year's Day.*
"	3 " "	24 Fast of Guedaliah.
"	6 " "	27 Sabbath.
"	10 Oct.	1 Jom Kippur.*
"	13 " "	4 Sabbath. [Tabernacles.*
"	15 " "	6 1st day of Feast of
"	20 " "	11 Sabbath Chal Moed.
"	21 " "	12 Hoshana Rabba.
"	22 " "	13 Sheminy Atsereth.*
"	24 " "	18 Sabbath.
Marheshvan	1 " "	22 New Moon.
"	4 " "	25 Sabbath.
Kislev	1 Nov.	21 New Moon.
"	25 Dec.	15 1st day of Chanueca.
Tebeth	1 " "	21 New Moon.
"	7 " "	27 Sabbath.
"	10 " "	30 Fast of Tebeth.

* Strictly Observed.

FIRST THINGS IN PHILADELPHIA.

1681. The first parks or public enclosures laid out in North America for the pleasure and convenience of the people were dedicated at the settlement of Philadelphia, in the North-eastern, South-eastern, North-western, South-western and Centre Squares.

1690. The first paper-mill established in North America was built upon the Wissahickon, near Germantown, by William Rittenhouse and William Bradford.

1698, February 12th. The first public school in the American Colonies was established at Philadelphia, and a corporation created, entitled "The Overseers of the Publick Schoole founded in Philadelphia." In this school it was ordered by the Governor and Council: "All children and servants, male and female, whois parents, guardians & masters be willing to subject ym to the rules and orders of the said schoole, shall from time to time, with the approbaon of the overseers thereof for the time being, be received or admitted, taught or instructed: the rich at reasonable rates, and the poor to be maintained and schooled for nothing." The first school-house was built on the east side of Fourth street, below Chestnut street. Enoch Flower was the first school-master.

1706. The first Presbytery in the United States was organized at Philadelphia by seven Presbyterian ministers.

1719, December 22d. The *American Weekly Mercury*, the first newspaper established in the Middle Colonies, was issued at Philadelphia by William Bradford.

1729. The first botanic garden, for the cultivation of plants having medicinal properties, was established at Bachelor's Hall, Kensington, in the neighborhood of the present Allen and Shackamaxon streets.

1729. The first treatise against slavery published in any part of the world appeared at Philadelphia, and was written by Ralph Sandiford.

1730. The Mariner's Quadrant was invented by Thomas Godfrey of Germantown, and being taken to England, was introduced into use by one Hadley, who unjustly claimed to be the inventor.

1731, July 31st. The Philadelphia Library, the first public institution of that kind in America, was founded in Philadelphia by Benjamin Franklin, Thomas Hopkinson, Thomas Cadwalader and others.

1732. The Philadelphia Hospital, the oldest in America, was established in connection with the Philadelphia Almshouse.

1736, December 7th. The Union Fire Company, the first voluntary association for the extinguishment of fires in the United States, and probably in the world, was founded in Philadelphia by Benjamin Franklin and others.

1743. The American Philosophical Institution, the first institution devoted to science in North America, was founded at Philadelphia by Benjamin Franklin, John Bartram, Dr. Thomas Bond, Thomas Godfrey and others.

1743. The first Bible in a European language printed in North America was published in the German language by Christopher Saur of Germantown.

1746. The first religious magazine established in North America was published at Germantown, in the German language, by Christopher Saur.

1751, February 7th. The Pennsylvania Hospital, the first establishment in North America devoted to the relief of the sick and suffering, was chartered by the Assembly of Pennsylvania, at the solicitation of Benjamin Franklin, Dr. Thomas Bond, Rev. Richard Peters and others.

1752. The Philadelphia Contributionship for insurance against losses by fire was established in Philadelphia, being the first fire insurance company established in the American Colonies.

1752, June 15th. The theory that lightning and electricity were the same, which was first suggested by Benjamin Franklin in 1749, was demonstrated by him by drawing lightning from the clouds by means of a kite. The experiment is said to have taken place upon a lot on the east side of Ridge road, near the present intersection of Buttonwood street. Franklin was assisted on this occasion by his son, William Franklin, who was then twenty-one years of age.

1752, September. The first lightning-rod used in the world for the protection of a building from danger by lightning was set up by Benjamin Franklin, at his dwelling-house, south-east corner of Second and Race streets.

1753, March 4th. The first expedition fitted out in North America for Arctic exploration and the discovery of a north-west passage sailed from Philadelphia in the schooner *Argo*, Captain Charles Swaine. The expedition was fitted out by subscriptions in Philadelphia. The vessel proceeded as far as Cape Farewell and Hudson Strait, but being baffled by the ice, was compelled to return to Philadelphia, which port was reached in November of the same year. The same vessel went upon a second voyage in the spring of 1754, but having lost three men, killed by Indians on the Labrador coast, returned in October of the same year without success.

1762, November 26th. The first school of medicine and anatomy in North America was opened in Philadelphia by Dr. William Shippen.

1768. The first medical society in North America was in existence at Philadelphia.

1774. The physicians of Philadelphia formed the "Society for Inoculating the Poor," the first benevolent association designed to mitigate the horrors of small-pox founded in the Colonies.

1775. The first piano-forte manufactured in the United States was made by John Behrent, in Third street, below Brown.

1781, May 26th. The Bank of North America was established by resolution of Congress, and opened for business in 1783, being the first corporate banking institution established in the United States.

1784. The *Pennsylvania Packet or General Advertiser* was established as a daily newspaper by John Dunlap and David C. Claypole, being the first daily paper published in the United States.

1786. The Philadelphia Dispensary for the medical relief of the poor, the first institution of the kind in the United States, was established.

1786, July 20th. The first vessel ever moved by steam was navigated on the Delaware River, at Philadelphia, by John Fitch, being a skiff fitted up for the purpose.

1787, August 22d. A steamboat, forty-five feet long, navigated at Philadelphia, in presence of the delegates to form a Constitution of the United States, by John Fitch, assisted by Henry Voight.

1788, July. Another steamboat, sixty feet long,

Fourth Month,]

APRIL.

[1873.

MOON'S PHASES, Philadelphia.

d. h. m.	d. h. m.
First Quarter 4 1 36 P.M.	Last Quarter 20 0 48 A.M.
Full Moon... 12 4 51 P.M.	New Moon... 26 5 42 P.M.

PHENOMENA.

MOON'S PHASES, Philadelphia.																																																																									
			d. h. m.						d. h. m.																																																																
☾ First Quarter			4 1 36 P.M.			☾ Last Quarter			20 0 48 A.M.																																																																
☾ Full Moon...			12 4 51 P.M.			☾ New Moon...			26 5 42 P.M.																																																																
THE SUN, Philadelphia.													THE MOON, Philadelphia.													THE TIDES, Philadelphia.																																															
			Rises			Souths			Sets						Rises			Souths			Sets						High Tide.			Low Tide.			Height in feet.																																								
			A.M.			P.M.			P.M.			A.M.			P.M.			P.M.			A.M.			P.M.			A.M.			P.M.			A.M.			P.M.																																					
			h. m.			m. s.			h. m.			h. m.			h. m.			h. m.			h. m.			h. m.			h. m.			h. m.			h. m.			h. m.																																					
91	1	Tu	5 44	3 48	6 24	8 12	3 45	11 27	4 29	4 53	11 48	...	6.4	9.20 P.M.	Reg. S.	6.12 P.M.	Arct. rises	7.03 P.M.	Spi. rises	8.44 P.M.	♂ S.	8.06 P.M.	♂ ♀ inf.	7.15 P.M.	♂ south.	0.18 P.M.	♂ ♀ ♀.	9.52 A.M.	♂ stat.	2.15 A.M.	♂ rises.	9.50 P.M.	7 * sets.	6.16 P.M.	Pollux S.	10.18 P.M.	Sir. sets.	9.22 P.M.	♀ sets.	4.46 A.M.	♂ ♀ ♀.	5.29 P.M.	♂ ♀ ♀.	7.41 P.M.	♂ rises.	6.16 A.M.	♀ stat.	5.30 A.M.	♀ stat.	7.44 P.M.	♀ south.	2.35 A.M.	♂ ♀ ♀.	4.39 P.M.	♂ ♀ ♀.	7.16 A.M.	♂ ♀ ♀.	7.53 P.M.	Reg. S.	8.57 P.M.	♂ ♀ ♀.	4.25 P.M.	♀ in Aph	8.11 P.M.	♀ sets.	9.38 A.M.	♂ ♀ ♀.	11.41 P.M.	Arct. S.	10.46 P.M.	Spica S.	8.32 P.M.	7 * sets.

PLANETS.

MERCURY, ☿.—This planet is at its greatest western elongation four times during the present year—viz., January 5th, May 3d, August 30th and December 19th; and at its greatest eastern elongation three times—viz., March 18th, July 16th and November 10th. It will rise January 5th in the S.E. by E. $\frac{1}{2}$ E. at 5.41 A.M.; on May 3d, in the E. $\frac{1}{2}$ N. at 4.06 A.M.; on August 30th, in the E. by N. $\frac{1}{2}$ N. at 3.57 A.M.; and on December 19th, in the E.S.E. at 5.32 A.M. It will set on March 18th in the W.N.W. at 7.44 P.M.; on July 16th, in the W.N.W. $\frac{1}{2}$ N. at 8.42 P.M.; and on November 10th, in the S.W. by W. at 5.47 P.M. The best times for seeing this rarely visible planet are at the time of rising on January 5th and the time of setting on the 18th of March.

VENUS, ♀.—This planet will be Evening Star until the 5th of May, and afterward Morning Star for the remainder of the year. Its greatest brilliancy as Evening Star will be on the 29th of March, and as Morning Star on the 10th of June.

MARS, ♂.—This planet souths at nine o'clock in the evening on the 1st of June, at an altitude of 39° . It will be easily distinguished by its red color and its position with respect to Spica Virginis. The planet will be about 6° directly east

of Spica, and its red color will form a striking contrast with the pale blue of that star. Mars is nearest the earth, and consequently largest in appearance, on the 27th of April.

JUPITER, ♃.—Jupiter souths at nine o'clock in the evening on the 31st of March, within 25° of the zenith. On the 30th of January it will be within about 1° of the bright star Regulus, and again on the 27th of June, and may be known by its being brighter and whiter than that star.

SATURN, ♄.—Saturn souths at nine o'clock on the 3d of September, at an altitude of 29° , when it will be about 28° south of Aquilæ and 45° west of Fomalhaut. There being no other bright star near, it may be easily found. On account of its great distance from the sun it moves very slowly, and will remain in nearly the same place, with reference to the fixed stars, during the year.

PUBLIC LEDGER ALMANAC.—A full omnibus belonging to an enterprising proprietor. It has facts, figures and fun packed into the closest possible quarters. It is literally *multum in parvo*.—*Sunday-School Journal*, New York.

RUSSEL JARVIS, the first editor of the *Public Ledger*, was a native of Massachusetts. He died in New York in 1853, aged 62 years.

navigated from Philadelphia to Burlington, New Jersey, by John Fitch.

1789, December. A new steamboat navigated at Philadelphia by John Fitch.

1790, June, July, August and September. The first steamboat navigated in the world for a passenger and freight-boat ran on the Delaware, between Philadelphia, Burlington, Bristol, Chester, Wilmington, etc., advertising her trips regularly in the newspapers, and passing over three thousand miles in that summer. This was seventeen years before the Clermont, Robert Fulton's first steamboat, navigated the Hudson River.

1792, June 21. The Philadelphia and Lancaster Turnpike Co. chartered, which made and established the first turnpike-road laid in Pennsylvania.

1792. The Mint of the United States established at Philadelphia, by virtue of act of Congress, being the first Federal mint in the United States.

1794. The Columbianum, the first society for the promotion of the fine arts in the United States, was established at Philadelphia by Charles Wilson Peale and Joseph Cerrachi, painters, William Rush, sculptor, and others.

1795, September 22d, November 10th. The first voyage ever accomplished by a vessel between Lake Erie and Philadelphia was made by the schooner Whitefish, under command of John Thompson and David Lummis. The vessel was eighteen feet keel, twenty-three feet from stem to stern and six feet beam, without a deck. The route was from Presque Isle, now Erie City, by way of Buffalo harbor; thence by the Niagara River to the mouth of the Chippewa; thence by wagon, on which the schooner was placed, by land to Queenstown, where the boat was launched; thence down the Niagara and along Lake Ontario to Great Sodus and Oswego; thence up the Oswego River to the Falls; around the Falls by land carriage one mile; thence by water to the confluence of the Onondaga and Oneida Rivers; up the latter through Oneida Lake and Wood's Creek to a portage of one mile between the latter and the Mohawk River, over the same by land carriage; thence down the Mohawk to the Little Falls of the same; thence by portage one mile, and down the Mohawk again to Schenectady; thence by land carriage to Albany, where the schooner was for the last time launched; thence by the Hudson River, the Narrows along the Jersey coast to Cape May, and up the river Delaware to Philadelphia. The Whitefish after this voyage was taken to Peale's Museum, and for many years remained in the State-House yard, until it fell to pieces.

1799, May 2d. The Philadelphia Water-works, the first of the kind in the country, were commenced, and the water first sent through the pipes January 21, 1801.

1804. The Eruktor Amphibolis, a machine for cleaning docks, invented by Oliver Evans, mounted on a wagon, was propelled by steam along Market street, from Centre Square to the Schuylkill River, being the first land-carriage ever propelled by steam in the world. At the Schuylkill River the vessel was launched, a stern-wheel attached, and the machine was navigated by steam down the Schuylkill and up the Delaware River to the city of Philadelphia.

1808. The steamboat Phoenix, the first steam vessel which ever navigated the Atlantic Ocean, arrived from Hoboken, New Jersey, where the vessel had been built by John Stevens.

1809, September. The first experimental rail-

road track laid down in the United States was constructed by Somerville, a Scotch millwright, for Thomas Leiper of Philadelphia, and laid down in a yard adjoining the Bull's Head Tavern, in the Northern Liberties. It was sixty yards in length, and graded an inch and a half to the yard. The gauge was four feet, the sleepers eight feet apart. The experiment with a loaded car was so successful that Leiper had the first practical railroad built in the United States constructed for the transportation of stone from his quarries on Crum Creek to his landing on Ridley Creek, Delaware county, Pennsylvania, a distance of about one mile. It continued in use for nineteen years, and was superseded in 1828 by a canal, which was again superseded in 1852 by a railroad.

1809. A line of telegraphs (semaphore) was set up and operated by Jonathan Grant, between the head of Delaware Bay at Reedy Island and Philadelphia, under patronage of the Philadelphia Chamber of Commerce.

1831. Matthew W. Baldwin built an experimental locomotive engine according to his own plans, and differing in many respects from the English engines, which was tested upon April 25th on a railroad track laid down in the Philadelphia Museum, Arcade, Chestnut street, and was exhibited there afterward. Subsequently the same engine ran for several months upon a railroad track laid down at Smith's Labyrinth Garden, on the north side of Arch street, between Schuylkill Seventh and Eighth [Fifteenth and Sixteenth].

THE *Public Ledger* has always been a popular paper in Philadelphia. Its readers are generally of the industrial class, withal a very intelligent one. They want to read the news well ascertained, and here they find it.

No idle rumors which can never be stopped are set afloat. The facts are known and verified, or not asserted.

As the readers have no time to peruse long and elaborate articles, here everything is condensed.

No partisan bias gives color to the reports of either political or religious proceedings. And when it happens that a criminal suffers the extreme penalty of the law, there is no painting of the scenes, no description of the terrible implements, no account of all the sad circumstances attending so awful a punishment.

A refined taste turns aside from the spectacle, with the simple announcement that justice has taken its course.

If one occupying a high position in society has fallen, his late associates who knew nothing of the case are not said to be implicated with no foundation for it.

If a minister of the gospel has been detected in wrong, all other ministers are not blamed for it; they are not traduced, nor is religion disparaged.

But this is not all. Not alone in its positive character is the *Ledger* a trustworthy journal, but in that which is negative. It carefully excludes advertisements which are calculated to foster vice or to instruct the young in the ways of sin. It will not for great patronage support projects by which the people at large will be subjected to loss. In all this we say, unhesitatingly, the *Public Ledger*, as conducted by George W. Childs, is exemplary. And to this we add, our people are the custodians, and by their patronage help to make the *Ledger* what it is.—*From the Episcopal Register, Philadelphia, March 16th.*

Fifth Month,]

MAY.

[1873.

MOON'S PHASES, Philadelphia.

d. h. m. d. h. m.
 ☽ First Quarter 4 7 33 A.M. ☾ Last Quarter 19 6 0 A.M.
 ○ Full Moon... 12 6 18 A.M. ● New Moon... 26 4 20 A.M.

PHENOMENA.

MOON'S PHASES, Philadelphia.																	PHENOMENA.		
			d. h. m.						d. h. m.										
☾ First Quarter			4 7 33 A.M.						☾ Last Quarter			19 6 0 A.M.							
☾ Full Moon...			12 6 18 A.M.						☾ New Moon...			26 4 20 A.M.							
			THE SUN, Philadelphia.			THE MOON, Philadelphia.				THE TIDES, Philadelphia.									
			Rises	Souths	Sets	Rises.	Souths	Sets.		High Tide.	Low Tide.		Height						
			A.M.	A.M.	P.M.	A.M.	P.M.	A.M.	d.	A.M.	P.M.	A.M.	P.M.	in feet.					
			h. m.	m.	h. m.	h. m.	h. m.	h. m.	d.	h. m.	h. m.	h. m.	h. m.						
121	1	Th	5 0	3 5	6 54	8 20	4 15	...	5	4 55	5 19	...	0 14	6.4	☾ Apo., 5d. 0.24h. P.M.				
122	2	F	4 59	3 12	6 55	9 16	5 7	0 10	6	5 43	6 7	0 38	1 2	6.2	☾ Per., 19d. 6.6h. P.M.				
123	3	S	4 58	3 19	6 55	10 16	5 57	0 52	7	6 31	6 56	1 26	1 50	5.9	6.58 P.M. ♀ south.				
124	4	S	4 57	3 24	6 56	11 17	6 44	1 31	8	7 21	7 48	2 15	2 40	5.7	9.00 P.M. Sir. sets.				
125	5	M	4 56	3 30	6 57	0 18	7 28	2 2	9	8 15	8 42	3 7	3 34	5.5	8.18 P.M. ♀ gr. E. l. W.				
126	6	Th	4 54	3 35	6 59	1 18	8 10	2 28	10	9 9	9 35	4 1	4 28	5.3	8.30 P.M. ☉ ♀ ☉.				
127	7	W	4 53	3 39	7 0	2 19	8 50	2 51	11	9 59	10 23	4 54	5 18	5.4	0.56 P.M. ☉ ☉ inf.				
128	8	Th	4 52	3 43	7 1	3 19	9 31	3 13	12	10 47	11 10	5 42	6 6	5.6	7.02 P.M. Reg. S.				
129	9	F	4 51	3 46	7 2	4 20	10 14	3 34	13	11 34	11 56	6 29	6 53	5.8	10.08 P.M. Pole * N				
130	10	S	4 50	3 48	7 3	5 24	10 57	3 56	14	...	0 18	7 15	7 37	5.9	0.24 A.M. ♀ rises.				
131	11	S	4 49	3 50	7 3	6 30	11 43	4 21	15	0 39	0 59	7 58	8 18	6.1	10.51 P.M. ♂ south.				
132	12	M	4 49	3 52	7 4	7 39	A.M.	4 49	16	1 19	1 40	8 38	8 59	6.2	5.40 P.M. ♂ ♂ ☾.				
133	13	Th	4 48	3 53	7 5	8 49	0 34	5 23	17	2 3	2 27	9 22	9 46	6.4	8.25 P.M. ☉ ♀ ☉.				
134	14	W	4 46	3 53	7 6	9 58	1 29	6 5	18	2 53	3 18	10 12	10 37	6.5	11.52 P.M. ☐ ♀ ☉.				
135	15	Th	4 45	3 53	7 7	11 0	2 28	6 57	19	3 44	4 10	11 3	11 29	6.5	9.51 P.M. Spica S.				
136	16	F	4 44	3 52	7 8	11 54	3 29	7 58	20	4 38	5 6	11 57	...	6.4	10.38 P.M. Arct. S.				
137	17	S	4 43	3 51	7 9	A.M.	4 29	9 8	21	5 33	6 0	0 25	0 52	6.2	8.08 P.M. Sirius sets.				
138	18	S	4 42	3 49	7 10	0 39	5 27	10 22	22	6 28	6 55	1 19	1 47	5.9	2.19 A.M. ♀ gr. H. l. S.				
139	19	M	4 42	3 46	7 11	1 15	6 22	11 36	23	7 24	7 53	2 14	2 43	5.7	8.35 A.M. ♂ h. ☾.				
140	20	Tu	4 41	3 43	7 12	1 47	7 14	0 50	24	8 25	8 57	3 12	3 44	5.4	8.09 P.M. Ant. rises				
141	21	W	4 40	3 39	7 13	2 16	8 3	2 1	25	9 25	9 56	4 16	4 46	5.3	1.05 A.M. ♂ ♀ ☉.				
142	22	Th	4 39	3 35	7 13	2 40	8 51	3 13	26	10 25	10 53	5 15	5 44	5.5	5.48 P.M. Vega rises				
143	23	F	4 39	3 30	7 14	3 7	9 40	4 23	27	11 20	11 46	6 12	6 39	5.7	9.51 P.M. ♂ south.				
144	24	S	4 38	3 25	7 15	3 33	10 29	5 35	28	...	0 12	7 5	7 31	5.8	5.59 P.M. Reg. S.				
145	25	S	4 38	3 19	7 16	4 3	11 20	6 47	29	0 36	0 59	7 55	8 18	6.1	9.23 A.M. ☉ ♀ ☉.				
146	26	M	4 37	3 12	7 17	4 38	0 13	7 56	0	1 21	1 43	8 40	9 2	6.2	1.24 P.M. ♀ in ☐.				
147	27	Tu	4 36	3 6	7 17	5 19	1 8	9 1	1	2 7	2 32	9 26	9 51	6.4	 ☉ ecl. inv.				
148	28	W	4 36	2 58	7 18	6 7	2 3	9 59	2	2 57	3 21	10 16	10 41	6.5	11.09 P.M. ♀ rises.				
149	29	Th	4 35	2 51	7 19	7 3	2 57	10 48	3	3 44	4 9	11 3	11 28	6.5	11.04 P.M. Pollux sets				
150	30	F	4 35	2 42	7 20	8 2	3 48	11 28	4	4 32	4 56	11 51	...	6.4	8.46 P.M. Pole * N.				
151	31	S	4 34	2 34	7 21	9 4	4 37	...	5	5 18	5 40	0 15	0 37	6.3	8.48 P.M. Spica S.				
															3.29 P.M. ☉ h. ☾.				
															10.56 P.M. h. sets.				

LIVE CATTLE MEASURE.

THE following rules for estimating the weight of live cattle are given in "Pedder's Land Measure." First, see that the animal stands square; then, with string, take his circumference just behind the shoulder-blade, and measure the feet and inches: this is the girth. Then measure from the bone of the tail, which plumbs the line with the hinder part of the buttock, and direct the string along the back to the fore part of the shoulder-blade, and this will be the length. Then work the figures thus: Suppose girth of bullock 6 feet 4 inches, length 6 feet 3 inches, which multiplied together makes 23 square superficial feet, and these multiplied by 23—the number of pounds allowed for each superficial foot of cattle measuring less than 7 and more than 5 feet in girth—make 759 pounds. When the animal measures less than 9 and more than 7 feet in girth, 31 is the number of pounds to be estimated for each superficial foot.

And suppose a small animal to measure 2 feet in girth and 2 feet in length; these multiplied together make 4 feet, which multiplied by 11—the number of pounds allowed for each square foot when the cattle measures less than three feet in

girth—make 44 pounds. Again, suppose a calf or sheep, etc. to measure 4 feet 6 inches in girth, and 3 feet 8 inches in length; that multiplied together makes sixteen square feet, and these multiplied by 16—the number of pounds allowed for cattle measuring less than 5 and more than 3 feet in girth—make 356 pounds. The dimensions in girth and length of the back of cattle, sheep, calves and hogs taken this way, are as exact as is at all necessary for common computation or valuation of stock, and will answer to the four quarters of the animal, sinking the offal. A deduction must be made for animals half fat of one pound in twenty from those that are fat; and for a few that have had calves, one pound must be allowed in addition to the one for not being fat upon every twenty.

. . . In copying the above extract into the *Worker*, we would take occasion to state that it is a clipping from one of the regular editorials for which the *Public Ledger* of our city is so worthily noted of late years; and we would invite the special attention of our readers to those which appear in each Saturday morning's issue. These articles alone are well worth the price of the paper for the entire week.—*Editors Christian Worker, Phila.*

THE AGRICULTURE OF PENNSYLVANIA.

THE following are the agricultural returns for the State of Pennsylvania for the year 1870:

Acres of improved land.....	11,515,965
“ wood land.....	5,740,864
“ other unimproved land...	737,371
Total number of acres.....	17,994,200
Cash value of farms.....	\$1,043,481,582
Value of implements and machinery.....	\$35,658,196
Wages paid during the year.....	\$23,181,944
Value of farm productions.....	\$183,946,027
Value of orchard products.....	\$4,208,094
Produce of market gardens.....	\$1,810,016
Forest products.....	\$2,670,370
Home manufactures.....	\$1,503,754
Value of all live stock.....	\$115,647,975
Number of horses.....	460,339
“ mules and asses.....	18,009
“ milch cows.....	706,437
“ working oxen.....	30,048
“ other cattle.....	608,066
“ sheep.....	1,794,301
“ swine.....	867,548
Bushels of wheat produced.....	19,672,967
“ rye.....	3,577,641
“ Indian corn.....	34,702,006
“ oats.....	36,478,585
“ barley.....	529,562
“ buckwheat.....	2,532,173
Pounds of tobacco.....	3,467,539
“ wool.....	6,561,722
Bushels of peas and beans.....	39,574
“ Irish potatoes.....	12,899,367
“ sweet potatoes.....	131,572
Gallons of wine.....	97,165
Pounds of butter.....	60,834,644
“ cheese.....	1,145,209
Gallons of milk sold.....	14,411,729
Tons of hay produced.....	2,848,219
Bushels of cloverseed produced.....	200,679
“ grass seed.....	50,642
Pounds of hops.....	90,688
Tons of hemp.....	571
Pounds of flax.....	815,906
Bushels of flaxseed.....	15,624
Pounds of maple sugar.....	1,545,917
Gallons of sorghum molasses.....	213,373
“ maple molasses.....	39,385
Pounds of wax.....	27,033
“ honey.....	796,989

The following are some of the leading returns for the State for the decades of 1860 and 1850:

	1860.	1850.
Acres of improved land.	10,436,296	8,628,619
“ unimproved “	6,548,844	6,294,728
Value of farms.....	\$662,050,707	\$407,816,099
“ implements, etc.	22,442,842	14,722,541

The total number of farms in Pennsylvania in 1870 was 174,041, against 156,357 in 1860, and 127,577 in 1850. In 1870 there were in the State 96 farms containing 1000 acres and over, 76 containing between 500 and 1000 acres, 38,273 containing between 100 and 500 acres, 61,268 containing between 50 and 100 acres, and 74,348 containing under 50 acres. The percentage of unimproved land in farms was 36, against 38.5 in 1860. The average size of farms in 1870 was 103 acres, in 1860 it was 109 acres, and in 1850 it was 117 acres.

THE FRANCO-PRUSSIAN WAR.

THE last war between Germany and France was declared on July 15, 1870, and terminated on February 16, 1871, lasting 210 days, but practically 180 days, in consequence of the first and last periods being free from engagements. In one week the German troops were “mobilized,” or prepared to march, and in two weeks were despatched to the west, and were arranged on the line from Treves to Landau. The troops sent to the frontier numbered 600,000; and 42,000 men, with horses, guns, carriages and ammunition, were conveyed every day on five lines of railway, two of which, however, were little used. Four Prussian corps d’armée had to traverse from 400 to 600 miles to reach the French frontier, and had to be fed on the way. During the 180 days of active service, there were fought 156 engagements and 17 great battles; twenty-six fortresses were taken, 11,650 officers and 363,000 men of the rank and file were made prisoners, and 6700 guns and 120 eagles were captured. Having regard to the chronological order of the actions up to Sedan, there were 13 engagements and 8 battles, to wit: Wissembourg, Woerth, Spicheren, Courcelles, Vionville, Gravelotte, Noisseul and Beaumont; while the four fortresses of Lutzelstein, Lichtenberg, Marsal and Vitry were captured during that period. In September there were thirteen engagements, and Sedan, Laon, Toul and Strassbourg were captured. In October there were thirty-seven engagements, and Soissons, Scheldstadt and Metz were taken. In November there were fifteen engagements and two battles, those of Amiens and Beaune-la-Rolande, and Verdun, Montbeliard, New Breisach, Ham, Didenhofen, Lafere and the citadel of Metz surrendered to the Germans. In December there were thirty engagements and two battles, one near Orleans and the other on the Hallue and Phalsbourg and Montmédy. In January, 1871, there were forty-eight engagements and the battles of Lemans, Montbeliard and St. Quentin, and Mezières, Rocroy, Peronne, Longuy and Paris capitulated. The war terminated in February with the surrender of Belfort. Twenty-two engagements were fought around Paris during the 130 days of the investment. Of these twenty-two engagements, three occurred in September, eight in October, two in November, four in December and five in January. There were only three naval engagements, to wit: at Hiddensee on September 19th, in the Putzig Bay on September 21st, and off the Havanna on October 12th.

PUBLIC LEDGER ALMANAC.—Owing to our early issue of the January and February numbers of the *Lady's Book*, this is the first opportunity that we have had of paying our tribute to the enterprise of the publisher of this useful almanac. The eighty thousand recipients of this annual gift to the subscribers of the *Public Ledger* have here a mass of important information, collected for their especial benefit, that will be found of great value in their households as a means of reference. Great care has been taken in the management of the several tables contained in it. The whole work exhibits the character of its publisher, as whatever Mr. Childs undertakes to do he does with an energy that is remarkable, and with the sole view of benefiting others.—*Godey's Lady's Book, Philadelphia.*

Sixth Month,]

JUNE.

[1873.

MOON'S PHASES, Philadelphia.

d. h. m.	d. h. m.
☾ First Quarter 3 1 19 A.M.	☾ Last Quarter 17 10 32 A.M.
☾ Full Moon... 10 5 2 P.M.	☾ New Moon... 24 4 12 P.M.

PHENOMENA.

Day of the Year.	Day of the Month.	Day of the Week.	THE SUN, Philadelphia.			THE MOON, Philadelphia.			THE TIDES, Philadelphia.					Height in feet.
			Rises	Souths	Sets	Rises	Souths	Sets	High	Tide.	Low	Tide.		
			A.M.	A.M.	P.M.	A.M.	P.M.	A.M.	A.M.	P.M.	A.M.	P.M.		
			h. m.	m. s.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.		
152	1	S	4 34	2 25	7 21	10 6	5 22	0 2	6	6 0	6 22	0 59	1 19	6.1
153	2	M	4 34	2 15	7 22	11 7	6 5	0 29	7	6 43	7 4	1 41	2 2	5.9
154	3	Tu	4 34	2 6	7 23	0 7	6 45	0 54	8	7 26	7 50	2 23	2 45	5.7
155	4	W	4 33	1 56	7 24	1 6	7 26	1 16	9	8 15	8 40	3 9	3 34	5.5
156	5	Th	4 33	1 45	7 24	2 6	8 7	1 37	10	9 7	9 31	3 59	4 26	5.3
157	6	F	4 32	1 35	7 25	3 8	8 49	1 58	11	9 56	10 21	4 50	5 15	5.4
158	7	S	4 32	1 24	7 25	4 12	9 34	2 22	12	10 48	11 15	5 40	6 7	5.6
159	8	S	4 32	1 12	7 26	5 20	10 23	2 48	13	11 42	...	6 34	7 1	5.8
160	9	M	4 32	1	7 26	6 31	11 17	3 19	14	0 7	0 33	7 26	7 52	6.0
161	10	Tu	4 32	0 49	7 27	7 42	A.M.	3 59	15	0 57	1 22	8 16	8 41	6.2
162	11	W	4 32	0 37	7 27	8 49	0 16	4 47	16	1 46	2 13	9 5	9 32	6.4
163	12	Th	4 32	0 25	7 28	9 48	1 18	5 46	17	2 41	3 9	10 0	10 28	6.5
164	13	F	4 32	0 13	7 28	10 37	2 20	6 56	18	3 36	4 3	10 55	11 22	6.5
165	14	S	4 32	P.M.	7 29	11 18	3 21	8 10	19	4 30	4 57	11 49	...	6.4
166	15	S	4 32	0 11	7 29	11 51	4 18	9 26	20	5 22	5 47	0 16	0 41	6.3
167	16	M	4 32	0 24	7 29	A.M.	5 11	10 41	21	6 11	6 35	1 6	1 30	6.0
168	17	Tu	4 32	0 37	7 30	0 20	6 1	11 53	22	7 0	7 25	1 54	2 19	5.8
169	18	W	4 32	0 50	7 30	0 45	6 49	1 4	23	7 53	8 24	2 44	3 12	5.5
170	19	Th	4 32	1	7 30	1 10	7 37	2 14	24	8 54	9 25	3 43	4 13	5.3
171	20	F	4 32	1 16	7 30	1 36	8 24	3 23	25	9 53	10 22	4 44	5 12	5.4
172	21	S	4 32	1 29	7 31	2 4	9 14	4 32	26	10 51	11 20	5 41	6 10	5.6
173	22	S	4 32	1 42	7 31	2 36	10 5	5 42	27	11 47	...	6 39	7 6	5.8
174	23	M	4 33	1 55	7 31	3 15	10 59	6 48	28	0 15	0 41	7 34	8 0	6.0
175	24	Tu	4 33	2 8	7 31	4 0	11 53	7 49	29	1 4	1 26	8 23	8 45	6.2
176	25	W	4 34	2 21	7 31	4 52	0 48	8 41	1	1 50	2 14	9 9	9 33	6.4
177	26	Th	4 34	2 34	7 31	5 50	1 40	9 25	2	2 37	3 0	9 56	10 19	6.5
178	27	F	4 34	2 46	7 31	6 51	2 30	10 0	3	3 23	3 44	10 42	11 3	6.5
179	28	S	4 35	2 58	7 31	7 54	3 17	10 30	4	4 6	4 27	11 25	11 46	6.5
180	29	S	4 35	3 11	7 31	8 56	4 0	10 56	5	4 47	5 6	...	0 6	6.4
181	30	M	4 36	3 22	7 31	9 56	4 42	11 19	6	5 25	5 44	0 25	0 44	6.3

☾ Apo., 2d. 7.24h. A.M.
☾ Per., 14d. 9.24h. A.M.

9.23 A.M. ☽ 24 ☾.
11.53 P.M. ☽ sets.
11.56 P.M. Reg. sets
2.09 A.M. ☽ in ☾.
11.23 P.M. Ant. S.
4.15 P.M. ☽ ☾.
11.20 P.M. oc. a² Lib.
4.02 P.M. ☽ in Per.
4.22 A.M. ☽ ☽ ☽ sup.
..... ☽ gr. brill.
2.33 A.M. ☽ rises.
10.11 P.M. ☽ sets.
1.50 P.M. ☽ h ☾.
9.52 P.M. h rises.
12.12 P.M. ☽ south.
7.31 P.M. Pole * N.
7.33 P.M. Spica S.
11.35 P.M. ☽ gr. H. l. N.
4.49 P.M. ☽ ☽ ☽.
8.13 P.M. Arct. S.
4.25 A.M. Sum. beg.
1.2 A.M. ☽ rises.
7.05 P.M. Alt. rises
10.36 P.M. ☽ sets.
7.34 P.M. ☽ S.
5.19 A.M. ☽ ☽ ☽.
2.00 A.M. ☽ H ☾.
4.04 A.M. ☽ in Aph
1.18 A.M. ☽ 24 ☾.
11.33 P.M. ☽ in Apo.

EXCELLENT INTEREST RULES

FOR finding the interest on any principal for any number of days. The answer in each case being in cents, separate the two right-hand figures of answer to express in dollars and cents:

Four per cent.—Multiply the principal by the number of days to run; separate right-hand figure from product, and divide by 9.

Five per cent.—Multiply by number of days, and divide by 72.

Six per cent.—Multiply by number of days, separate right-hand figure, and divide by 6.

Eight per cent.—Multiply by number of days, and divide by 45.

Nine per cent.—Multiply by number of days, separate right-hand figure, and divide by 4.

Ten per cent.—Multiply by number of days, and divide by 36.

Twelve per cent.—Multiply by number of days, separate right-hand figure, and divide by 3.

Fifteen per cent.—Multiply by number of days, and divide by 24.

Eighteen per cent.—Multiply by number of days, separate right-hand figure, and divide by 2.

Twenty per cent.—Multiply by number of days, and divide by 18.

Twenty-four per cent.—Multiply by number of days, and divide by 15.

EUROPE (says a Berlin paper) had fifty-six States before the Italian war, while now it has only eighteen, with a total superficial area of 179,362 square miles, and a population of 300,900,000. Of these the German Empire comprises 9883 square miles, and a population of 40,106,900, according to the census of 1867. The principal States of Europe, with a population of more than 25,000,000, are: Russia [71], Germany [40], France [36½], Austro-Hungary [36], Great Britain [32] and Italy [26½]; their total population is, therefore, four-fifths of that of the whole of Europe. A century ago, before the partition of Poland, the Great Powers only possessed one-half of the then population of Europe.

TO MEET the exigencies of an increasing trade, Mr. George W. Childs, proprietor of the *Public Ledger*, some time ago ordered the Messrs. Hoe a new printing machine for his newspaper, which, when completed, will enable the establishment to turn out sixty-five thousand copies of the *Ledger* per hour. The new press will cost upward of \$40,000.—*Evening Post, New York.*

VALUE OF SCHOOL PROPERTY IN PHILADELPHIA, 1871.

Number of Section.	Value of Build'gs.	Value of Lots.	Value of Furniture.	Total Value.
1st.....	\$121,000	\$67,124	\$9,750	\$197,874
2d.....	100,500	42,900	9,500	152,900
3d.....	62,000	27,000	7,100	96,100
4th.....	63,000	30,333	7,700	106,033
5th.....	75,000	40,000	7,700	122,700
6th.....	75,000	62,799	4,000	141,799
7th.....	108,000	70,332	8,150	186,482
8th.....	65,000	45,000	4,850	114,850
9th.....	79,000	63,500	6,000	148,500
10th.....	131,000	53,983	7,450	174,433
11th.....	86,000	51,700	5,650	143,350
12th.....	71,000	41,666	5,750	118,416
13th.....	84,000	32,750	4,900	121,650
14th.....	113,500	71,732	8,700	193,932
15th.....	148,000	81,999	10,200	240,199
16th.....	67,500	54,500	6,200	128,200
17th.....	70,000	31,607	6,000	107,607
18th.....	106,000	42,149	9,300	157,449
19th.....	57,000	49,250	8,550	114,800
20th.....	86,000	56,165	8,700	150,865
21st.....	67,000	32,899	4,850	104,749
22d.....	97,500	36,332	6,250	140,082
23d.....	61,000	24,500	5,350	90,850
24th.....	90,100	44,583	6,250	140,933
25th.....	136,200	59,450	9,000	204,650
26th.....	91,000	68,266	7,800	167,066
27th.....	97,500	56,000	8,250	161,750
28th.....	33,500	23,500	2,600	59,600
29th.....	68,500	41,132	6,000	115,632
Boys' High School.....	50,000	62,500	10,000	122,500
Girls' Normal Sch'l.	25,000	16,333	5,000	46,333
	2,572,800	1,481,984	217,500	4,272,284

INDUSTRIAL EXHIBITION BUILDINGS.

At a meeting of the United States Commissioners for the National Centennial Exposition of 1876, Commissioner William P. Blake of Connecticut presented to the Commission informally the following interesting particulars of previous international expositions:

1851. Building of glass and iron, in Hyde Park, London, covering 1,000,000 square feet, or more than twenty acres. Half of the space was given to Great Britain. At the east and west ends a space of 30,712 square feet was enclosed, and which is not included in the above. The total number of exhibitors was 13,937, of whom 7381 belonged to Great Britain and her colonies, and 6556 to foreign countries. The cost of the buildings and fittings was £170,000 (about \$850,000), or about 3s. 5d. (85c.) per square foot. The total cost of all, including buildings, was £292,795 (\$1,463,975). The building remained the property of the contractors, otherwise the cost would have been £100,000 greater. It was open from May 1st to October 11th, a period of 141 days. The gross receipts were £506,100 (\$2,530,500). The total number of visitors was 6,039,195.

1855. Paris, Palais de Industrie. Rectangular building, with large avenue and panorama round. The space occupied by all countries, including passage-ways and rooms, etc., was 152,052

square metres, or about 1,770,000 English superficial feet. The exhibitors numbered 23,954. The cost was 11,264,540 francs, or \$2,252,900, but the sum does not include the cost of the main building. Taking this at \$2,500,000, the buildings alone cost say £674,660 (\$3,373,300), the cost per square foot being nearly 7s. 3d. (\$1.75). The receipts reached the sum of 3,202,485 francs, or \$640,500, the loss being 8,100,000 francs, the total cost being 21,000,000 francs, covered in part by the possession of the building. The number of visitors was 5,162,330.

1862. South Kensington, London, buildings temporary. They covered 17 acres, exclusive of two annexes, estimated at 7 acres more—say 24 acres in all. Nearly rectangular. Total area, 1,291,800 square feet; total area roofed in, 988,000 square feet; exhibitors, 28,653; cost, £460,000 (\$2,300,000), or nearly 5s. (\$1.20) per square foot; receipts, £459,631 (\$2,203,155); number of visitors, 6,250,000.

1867. Paris, Champs de Mars. Building subsidiary to classification of glass, iron and wood. The building occupied 190,000 square yards, or 39 acres. The circumference was nearly one mile. In shape it was rectangular, with rounded ends, but had the appearance of a great ellipse. Its entire length was 1125 yards and its width 515 yards. There 50,226 exhibitors, and it was visited by over 10,000,000 persons. The receipts probably amounted to \$2,000,000. It was estimated that it would cost from 18,000,000 to 20,000,000 francs. The city and state aided to the extent of 12,000,000 francs.

THE GREAT TOWNS OF ENGLAND.

THE population of seventeen of the largest towns in England, according to the census of 1871, is as follows: London, 3,251,804; Liverpool, 493,346; Manchester, 355,665; Birmingham, 343,696; Leeds, 259,201; Sheffield, 239,947; Bristol, 182,524; Bradford, 145,827; Newcastle, 128,160; Salford, 124,805; Hull, 121,598; Portsmouth, 112,954; Sunderland, 98,335; Leicester, 95,084; Nottingham, 86,608; Norwich, 80,390; and Wolverhampton, 68,279—making a total of 6,188,233, against 5,299,424 in 1861, and 4,454,140 in 1851. The population of London in 1871, as given above, is 3,251,804, against 2,803,989 in 1861, and 2,362,236 in 1851. The aggregate population of the sixteen largest towns next to London is 2,936,429 in 1871, against 2,495,435 in 1861, and 2,091,904 in 1851.

THE *Public Ledger* of Philadelphia is one of the most remarkable papers in the United States. It depends for its success upon simple genuineness of character and reliability. It never makes the slightest attempt at the sensational. It publishes all the news, and nothing but what it considers reliable. It is particular upon this point to the last degree. Its editorials, instead of being flip-pant, off-hand and carelessly written, appear to be studied and gotten up with all the care of the old-style writers. They are clear, terse and to the point. Subscribers to the *Ledger* never drop off, and if asked why they like it reply "that if there is anything in the *Ledger* they are sure that it is the news, and if there is nothing in it there is no news."—*Vineland (N. J.) Weekly, Saturday, March 2.*

Seventh Month,]

JULY.

[1873.

MOON'S PHASES, Philadelphia.

☽ First Quarter *d. h. m.* 2 6 16 P.M.
 ☾ Full Moon... 10 1 32 A.M.
 ☾ Last Quarter *d. h. m.* 16 3 58 P.M.
 ● New Moon... 24 5 32 A.M.

PHENOMENA.

Day of the Year.	Day of the Month.	Day of the Week.	THE SUN, Philadelphia.			THE MOON, Philadelphia.				THE TIDES, Philadelphia.					Height in feet.	Phenomena.
			Rises	Souths	Sets	Rises.	Souths	Sets.	Age.	High	Tide.	Low	Tide.			
			A.M. h. m.	P.M. m. s.	P.M. h. m.	A.M. h. m.	P.M. h. m.	P.M. h. m.	d.	A.M. h. m.	P.M. h. m.	A.M. h. m.	P.M. h. m.			
182	1	Tu	4 36	3 34	7 31	10 55	5 22	11 40	7	6 2	6 21	1 3	1 21	6.1	2.00 A.M. ♀ rises.	
183	2	W	4 37	3 45	7 31	11 53	6 2	A.M.	8	6 41	7 1	1 40	2 0	5.9	11.59 P.M. Spica sets	
184	3	Th	4 37	3 57	7 31	0 53	6 42	0 1	9	7 22	7 47	2 20	2 41	5.7	3.57 A.M. ☽ H ☽.	
185	4	F	4 38	4 7	7 31	1 56	7 25	0 22	10	8 12	8 40	3 6	3 31	5.5	9.51 A.M. ☽ ☽ ☽.	
186	5	S	4 38	4 18	7 31	3 2	8 12	0 47	11	9 9	9 39	3 59	4 28	5.3	9.25 P.M. Ant. S.	
187	6	S	4 39	4 28	7 30	4 10	9 3	1 16	12	10 8	10 38	4 58	5 27	5.4	8.21 P.M. h rises.	
188	7	M	4 39	4 37	7 30	5 20	9 59	1 50	13	11 10	11 42	5 57	6 29	5.7	7.00 P.M. ☽ south.	
189	8	Tu	4 40	4 47	7 30	6 30	11 0	2 34	14	..	0 13	7 1	7 32	5.8	11.24 P.M. Vega S.	
190	9	W	4 41	4 55	7 29	7 34	A.M.	3 29	15	0 41	1 9	8 0	8 28	6.1	9.43 P.M. ♀ sets.	
191	10	Th	4 41	5 4	7 29	8 29	0 4	4 36	16	1 35	2 4	8 54	9 23	6.3	7.53 P.M. ☽ h ☽.	
192	11	F	4 42	5 12	7 29	9 14	1 7	5 50	17	2 31	2 58	9 50	10 17	6.5	9.26 P.M. Reg. sets.	
193	12	S	4 43	5 19	7 28	9 51	2 8	7 9	18	3 25	3 50	10 44	11 9	6.5	11.16 A.M. ☽ in ☽.	
194	13	S	4 43	5 27	7 28	10 21	3 4	8 26	19	4 15	4 39	11 34	11 58	6.5	1.46 A.M. ☽ rises.	
195	14	M	4 44	5 33	7 27	10 49	3 57	9 42	20	5 3	5 26	..	0 22	6.3	3.08 P.M. ♀ gr. E. l. W	
196	15	Tu	4 45	5 39	7 27	11 14	4 46	10 55	21	5 49	6 11	0 45	1 8	6.2	8.46 P.M. ☽ sets.	
197	16	W	4 46	5 45	7 26	11 40	5 35	0 6	22	6 34	6 58	1 30	1 53	5.9	3.34 A.M. ☽ gr. E. l. E.	
198	17	Th	4 46	5 50	7 25	A.M.	6 22	1 16	23	7 23	7 51	2 17	2 42	5.7	11.01 P.M. Spica sets	
199	18	F	4 47	5 55	7 25	0 8	7 11	2 25	24	8 21	8 52	3 10	3 40	5.4	7.31 P.M. h rises.	
200	19	S	4 48	5 59	7 24	0 39	8 1	3 33	25	9 26	9 56	4 11	4 45	5.3	11.36 P.M. ☽ sets.	
201	20	S	4 49	6 3	7 23	1 14	8 53	4 40	26	10 27	10 58	5 15	5 46	5.5	1.36 A.M. oc. ♀ Tauri	
202	21	M	4 50	6 6	7 23	1 57	9 47	5 41	27	11 28	11 57	6 17	6 47	5.8	2.44 A.M. ☽ ☽ ☽.	
203	22	Tu	4 51	6 8	7 22	2 46	10 41	6 37	28	..	0 23	7 16	7 42	5.9	0.09 A.M. ☽ h ☽.	
204	23	W	4 51	6 10	7 21	3 41	11 34	7 22	29	0 48	1 10	8 7	8 29	6.1	8.55 P.M. ♀ sets.	
205	24	Th	4 52	6 12	7 20	4 42	0 25	8 0	0	1 32	1 54	8 51	9 13	6.3	0.04 P.M. ☽ H ☽.	
206	25	F	4 53	6 13	7 19	5 44	1 12	8 3	1	2 15	2 36	9 34	9 55	6.4	10.17 P.M. Vega S.	
207	26	S	4 54	6 13	7 19	6 45	1 57	8 9	2	2 56	3 16	10 15	10 35	6.5	7.43 P.M. ☽ ♀ ☽.	
208	27	S	4 55	6 12	7 18	7 46	2 39	9 2	3	3 34	3 58	10 53	11 12	6.5	11.41 P.M. h south.	
209	28	M	4 56	6 11	7 17	8 45	3 19	9 4	4	4 11	4 29	11 30	11 48	6.5	1.40 A.M. ☽ rises.	
210	29	Tu	4 57	6 10	7 16	9 44	3 59	10 4	5	4 47	5 5	..	0 6	6.4	8.35 P.M. oc. ♀ Virg.	
211	30	W	4 57	6 8	7 15	10 43	4 38	10 5	6	5 23	5 41	0 24	0 42	6.3	11.07 P.M. ☽ sets.	
212	31	Th	4 58	6 5	7 14	11 43	5 20	10 8	7	6 0	6 20	1 0	1 19	6.1	10.06 P.M. Spica sets	

CENSUS OF THE DOMINION OF CANADA IN 1871.

FULL official report of the result of the recent census taken in the Dominion of Canada :

Provinces.	Pop. 1871.	Pop. 1861.	Inc.
Ontario.....	1,620,842	1,396,091	224,751
Quebec.....	1,190,505	1,110,664	79,841
New Brunswick...	285,777	252,047	33,730
Nova Scotia.....	387,300	339,857	56,943

Total 3,484,923 3,089,659 395,265

The population of the nine largest cities of the Dominion is given as follows :

Montreal.....	107,225	Hamilton.....	26,716
Toronto.....	56,092	Ottawa (capital	
Quebec.....	47,166	of Dominion).	21,545
Halifax.....	29,582	London.....	15,826
St. John's.....	28,988	Kingston.....	12,407

In Montreal in 1861 the population was 90,323, showing an increase of 16,902 in ten years, or at the rate of 18.8 per cent. In 1861 the population of Toronto was 44,821, showing an increase of 11,271 in ten years, or at the rate of 25 per cent. Quebec had a population of 51,100 in 1861, and has sustained a decrease of 3934 in the decade.

A THOROUGHLY independent journal like the *Public Ledger*, which addresses itself to all classes of readers, is bound to be impartial to all interests. While preserving its independence of tone, and treating of all matters of public importance, it can seldom appear either as an advocate or as an opponent in the discussion of matters upon which good men have a perfect right to disagree. In a paper designed for all conditions and classes of reputable readers, manifestly there are some topics which cannot be touched. But while in certain directions this may seem a restriction, it is in reality a relief. In its general conduct a larger freedom is claimed and practiced by a truly independent newspaper than is possible to any organ of party or sect or interest. A main purpose of such a paper must be to give the truth on current events and state the facts, whoever may be elated or whoever offended thereby. No small degree of patient and laborious work is required to do this, and no light exercise of true independence. Another important aim of such a paper is to exert a correct moral influence by treating facts and tendencies upon higher than any partisan ground.

GOVERNORS OF THE STATE OF PENNSYLVANIA, 1681 to 1873.

UNDER THE PROPRIETARY GOVERNMENT.

Capt. William Markham, Deputy Governor from Oct. 10, 1681, to Oct. 27, 1682.
 William Penn, Proprietary and Governor, Oct. 27, 1682, to Aug. 12, 1684.
 Thomas Lloyd, President of Provincial Council, and *ex-officio* Deputy Governor, Aug. 12, 1684, to Dec. 18, 1688.
 Capt. John Blackwell, Deputy, Dec. 18, 1688, to Feb. 1, 1689-90.
 Thomas Lloyd, President of Provincial Council, and *ex-officio* Deputy Governor, Feb. 1689-90, to April 26, 1693.

UNDER THE BRITISH CROWN.*

Col. Benj. Fletcher, Governor. Col. William Markham, Lieut. Governor, April 26, 1693, to March 26, 1695.

UNDER THE PROPRIETARY GOVERNMENT.

Col. Wm. Markham, Deputy, March 26, 1695, to Dec. 3, 1699.
 Wm. Penn, Proprietor and Governor, Dec. 3, 1699, to Nov. 1, 1701.
 Andrew Hamilton, Deputy, Nov. 1, 1701, to April 20, 1703.
 Edward Shippen, President of Council, and *ex-officio* Deputy, April 20, 1703, to Feb. 1703-4.
 John Evans, Deputy, Feb. 1703-4, to Feb. 1708-9.
 Charles Gookin, Deputy, March, 1709, to May 31, 1717.
 Sir William Keith, Lieutenant-Governor, May 31, 1717, to June 22, 1726.
 Patrick Gordon, Lieut. Governor, June 22, 1726, to Aug. 5, 1736.
 James Logan, President of Provincial Council, and *ex-officio* Deputy Governor from Aug. 5, 1736, to Aug. 7, 1738.
 George Thomas, Lieut. Governor, Aug. 7, 1738, to June 6, 1747.
 Anthony Palmer, President of Provincial Council, and *ex-officio* Deputy Governor from June 6, 1747, to Nov. 23, 1748.
 James Hamilton, Lieut. Governor, Nov. 23, 1748, to Oct. 3, 1754.
 Robert Hunter Morris, Lieut. Governor, Oct. 3, 1754, to Aug. 20, 1756.
 Capt. Wm. Denny, Lieut. Governor, Aug. 20, 1756, to Nov. 17, 1759.
 James Hamilton, Lieut. Governor, Nov. 17, 1759, to Oct. 31, 1763.
 John Penn, Lieut. Governor, Oct. 31, 1763, to May 6, 1771.
 James Hamilton, President Provincial Council, and *ex-officio* Deputy Governor, May 6, 1771, to Oct. 16, 1771.
 Richard Penn, Lieut. Governor, Oct. 16, 1771, to Aug. 30, 1773.
 John Penn, Proprietary and Governor from Aug. 30, 1773, to July 3, 1775.

UNDER THE COMMITTEE OF SAFETY.

Thomas Wharton, Jr., President from July 3, 1775, to Dec. 6, 1777.

* The English Crown, in March, 1693, took from Wm. Penn the authority and government over Pennsylvania, and appointed Governor Fletcher, the then Royal Governor of New York, to be Governor of Pennsylvania and Delaware. Col. Markham acted as Fletcher's deputy in Pennsylvania. Penn's charter was restored in 1695, and he continued Governor Markham in office as his representative.

UNDER THE CONSTITUTION OF 1777.

Thomas Wharton, Jr., President of the Supreme Executive Council and of the State, March 5, 1777, until his death, May 23, 1778.
 George Bryan, late Vice-President, acting President, May 23, 1778, to Dec. 1, 1778.
 Joseph Reed, President, Dec. 1, 1778, to Nov. 14, 1781.
 Wm. Moore, President, Nov. 14, 1781, to Nov. 7, 1782.
 John Dickinson, President, Nov. 7, 1782, to Oct. 18, 1785.
 Benj. Franklin, President, Oct. 18, 1785, to Nov. 5, 1788.
 Thomas Mifflin, President, Nov. 5, 1788, to Dec. 20, 1790.

GOVERNORS UNDER THE CONSTITUTION OF 1790.

Thomas Mifflin (Democrat), Dec. 20, 1790, to Dec. 1799.
 Thos. McKean (Democrat), Dec. 1799, to Dec. 1808.
 Simon Snyder (Democrat), Dec. 1808, to Dec. 1817.
 Wm. Findlay (Democrat), Dec. 1817, to Dec. 1820.
 Joseph Heister (Democrat), Dec. 1820, to Dec. 1823.
 John Andrew Shulze (Democrat), Dec. 1823, to Dec. 1829.
 George Wolf (Democrat), Dec. 1829, to Dec. 1835.
 Joseph Ritner (Anti-Masonic), Dec. 1835, to Dec. 1838.
 David R. Porter (Democrat), Dec. 1838, to Dec. 1844.
 Francis R. Shunk (Democrat), Dec. 1844, until his resignation, July 10, 1848.
 William F. Johnston (Whig), Speaker of the Senate and acting Governor, July 10, 1848, to Dec. 1848.
 Wm. F. Johnston (Whig), Dec. 1848, to Dec. 1851.
 William Bigler (Democrat), Dec. 1851, to Dec. 1854.
 James Pollock (Whig), Dec. 1854, to Dec. 1857.
 Wm. F. Packer (Democrat), Dec. 1857, to Jan. 1861.
 Andrew G. Curtin (Republican), Jan. 1861, to Jan. 1867.
 John W. Geary (Republican), Jan. 1867, to Jan. 1873.
 John F. Hartranft (Republican), elected 1872, to serve from Jan. 1873, to Jan. 1876.

WE consider the *Public Ledger* of Philadelphia a model daily newspaper, without a parallel, so far as our knowledge goes, in any other city of the Union. It has no over-statements of facts or arguments; no sensational renderings of every-day events; nothing anywhere that can corrupt any member of the domestic circle or bring a blush to the most sensitive cheek. For all these peculiarities it is indebted to the superintending will and vigilance of Mr. Childs, and he has gathered around him a corps of editorial co-laborers who are instilled with his principles and schooled in his practices. As a religious journal, it gives us pleasure to note all of these facts. They deserve commendation, for they are as influential for good as they are rare. The *Public Ledger* is a public benefit.—*Episcopal Register, Philadelphia, September 28, 1872.*

Eighth Month,]

AUGUST.

[1873.

MOON'S PHASES, Philadelphia.

d. h. m.	d. h. m.
☾ First Quarter 1 9 29 A.M.	● New Moon... 22 8 30 P.M.
○ Full Moon... 8 8 52 A.M.	☽ First Quarter 30 10 47 P.M.
☾ Last Quarter 14 11 41 P.M.	

PHENOMENA.

Day of the Year.	Day of the Month.	Day of the Week.	THE SUN, Philadelphia.			THE MOON, Philadelphia.			THE TIDES, Philadelphia.				Height in feet.	Phenomena.
			Rises	Souths	Sets	Rises	Souths	Sets.	High Tide.	Low Tide.				
			A.M. P.M. P.M.	A.M. P.M. P.M.	A.M. P.M. P.M.	A.M. P.M. P.M.	A.M. P.M. P.M.	A.M. P.M. P.M.	A.M. P.M. A.M. P.M.	A.M. P.M. A.M. P.M.	A.M. P.M. A.M. P.M.	A.M. P.M. A.M. P.M.		
213	1	F	5 0 6	1 7 13	0 46	6 4	11 14	8	6 41	7 3	1 39	2 0	5.9	5.23 P.M. ☽ ☽ ☾.
214	2	S	5 0 5	5 57 7	12	1 52	6 51	11 45	7 29	7 58	2 22	2 48	5.6	11.16 P.M. ☽ south.
215	3	S	5 1 5	5 52 7	11	2 59	7 44	A.M. 10	8 30	9 3	3 17	3 49	5.4	8.17 P.M. ☽ sets.
216	4	M	5 2 5	5 47 7	10	4 8	8 41	0 23	9 39	10 13	4 22	4 58	5.3	9.38 P.M. Vega S.
217	5	Tu	5 3 5	5 41 7	8	5 15	9 43	1 11	10 50	11 24	5 32	6 9	5.6	9.46 P.M. Spica sets
218	6	W	5 4 5	5 34 7	7	6 14	10 47	2 12	11 59	...	6 43	7 18	5.9	10.49 P.M. ☽ sets.
219	7	Th	5 5 5	5 27 7	6	7 4	11 50	3 23	0 29	0 57	7 48	8 16	6.1	3.08 A.M. ☽ ☽ ☾.
220	8	F	5 6 5	5 20 7	5	7 45	A.M. 4	42 15	1 24	1 56	8 43	9 15	6.3	9.35 P.M. Fom. rises
221	9	S	5 7 5	5 11 7	4	8 19	0 50	6 2	2 16	2 41	9 35	10 0	6.4	10.30 P.M. Altair S.
222	10	S	5 8 5	5 2 7	2	8 49	1 45	7 21	3 6	3 28	10 25	10 47	6.5	1.44 A.M. ☽ rises.
223	11	M	5 9 5	4 53 7	1	9 16	2 38	8 38	3 52	4 14	11 11	11 33	6.5	6.59 P.M. Ant. S.
224	12	Tu	5 10 5	4 43 7	0	9 42	3 28	9 52	4 37	5 0	11 56	...	6.4	4.12 A.M. ☽ ☽ ☾.
225	13	W	5 11 5	4 32 6	59	10 9	4 18	11 4	5 22	5 45	0 19	0 41	6.3	2.18 A.M. ☽ ☽ ☾.
226	14	Th	5 11 5	4 21 6	57	10 39	5 7	0 16	6 7	6 31	1 4	1 26	6.1	7.40 P.M. ☽ sets.
227	15	F	5 12 5	4 10 6	56	11 14	5 58	1 26	6 57	7 24	1 50	2 16	5.8	11.44 P.M. Arct. sets
228	16	S	5 13 5	3 58 6	55	11 54	6 50	2 34	7 54	8 29	2 43	3 13	5.5	10.26 P.M. ☽ sets.
229	17	S	5 14 5	3 45 6	53	A.M. 7	43 3	37 24	0 3	9 39	3 48	4 22	5.3	10.13 P.M. ☽ south.
230	18	M	5 15 5	3 32 6	52	0 41	8 37	4 33	10 7	10 39	4 56	5 26	5.4	11.11 P.M. ☽ ☽ ☾.
231	19	Tu	5 16 5	3 18 6	51	1 36	9 30	5 22	11 9	11 38	5 58	6 28	5.7	10.53 P.M. Ant. sets.
232	20	W	5 17 5	3 4 6	49	2 34	10 21	6 2	...	0 4	6 57	7 23	5.8	9.18 P.M. ☽ ☽ ☾.
233	21	Th	5 18 5	2 50 6	48	3 36	11 9	6 36	0 27	0 49	7 46	8 0	6.0	7.05 A.M. ☽ stat.
234	22	F	5 19 5	2 35 6	46	4 38	11 55	7 3	1 9	1 28	8 28	8 47	6.2	0.45 P.M. ☽ ☽ ☾.
235	23	S	5 20 5	2 20 6	45	5 38	0 37	7 27	1 46	2 5	9 5	9 24	6.3	8.19 P.M. Vega S.
236	24	S	5 21 5	2 4 6	43	6 38	1 18	7 49	2 24	2 41	9 43	10 0	6.4	1.58 A.M. ☽ rises.
237	25	M	5 22 5	1 48 6	42	7 37	1 58	8 9	2 58	3 17	10 17	10 36	6.5	9.23 P.M. Altair S.
238	26	Tu	5 23 5	1 31 6	40	8 36	2 37	8 29	4 3	3 34	10 53	11 10	6.5	6.55 P.M. ☽ sets.
239	27	W	5 24 5	1 14 6	39	9 35	3 17	8 52	5 4	4 10	4 28	11 29	6.6	10.01 P.M. ☽ sets.
240	28	Th	5 25 5	0 57 6	37	10 37	4 0	9 16	6 4	4 46	5 6	...	6.4	9.23 P.M. ☽ south.
241	29	F	5 26 5	0 39 6	36	11 40	4 45	9 44	7 5	5 26	5 47	0 25	6.3	9.37 A.M. ☽ gr. E.L.W
242	30	S	5 27 5	0 21 6	34	0 46	5 34	10 17	8 6	6 9	6 33	1 6	6.0	1.23 A.M. ☽ in ☽.
243	31	S	5 28 5	0 2 6	33	1 52	6 28	10 59	9 7	0 7	7 29	1 52	5.8	

The Capital and Industry of Philadelphia and Establishments in Vicinity Operated on Philadelphia Account.

SUMMARY OF INDUSTRIAL CENSUS OF 1870.

No. of manufacturing establishments.....	8579
Capital employed.....	\$204,340,637
Value of materials used.....	\$193,861,297
Value of productions when manuf'd.....	\$362,484,698
Number of men employed.....	100,661
" females ".....	40,760
" youths ".....	11,129
Amount of wages paid.....	\$68,647,874
Steam-engines employed.....	2177
Horse power.....	57,304

INCREASE SINCE 1860.

No. industrial establishments added in ten years.....	2128
Value of capital added in ten years.....	\$112,632,135
Value of materials " ".....	\$118,197,297
Value of productions " ".....	\$215,198,261
No. of men employed " ".....	25,166
No. females " ".....	8364
Amt. paid for wages " ".....	\$39,188,574
The increase in capital in ten years is one and a half times greater than the entire capital used in	

1860. The value of productions is nearly two and a half times greater than in the year last named. The aggregate of production is seventy millions of dollars greater than the entire import trade of the city of New York in 1870, and about one hundred and twenty millions more than the entire export trade of New York.

In this country we know of no paper that more thoroughly reflects its constituency than the *Public Ledger* of Philadelphia, as well in tone and character as in its quiet mode of expressing its views. Philadelphia is largely influenced by its Quaker origin, and every organ of society is subject to that influence, more or less. The evidences of methodical habit and quietism in its founders are to be seen and felt everywhere, notwithstanding temporary enthusiasms and ebullitions to the contrary. The advertising columns of the *Ledger* are a wonderful epitome of the people's daily life and needs, comprising twenty-five or twenty-six of the entire thirty-two of the paper, making us wonder how so much news is crowded into the remainder, and our mouths water at the aggregate daily receipts.—*From the Chronicle, Washington, D. C.*

THE SCHUYLKILL WATER.

THE following analysis of the water taken from the forebay of the Fairmount Water-works, February 9, 1872, is by Dr. Charles M. Cresson. The figures show the total amount of solid matter of all kinds contained in one United States standard gallon of water, containing 231 cubic inches.

Water collected at the forebay of the Fairmount Water-works, February 9, 1872; no water had flowed over the dam for sixteen days:

Grains in one gallon.

Condition of the sample.....	Clouded.
Amount of sediment in one gallon.....	1.9200.
Acid or alkaline.....	Alkaline.
Scum on boiling.....	None.
Total solid matter.....	6.2937.
Total after ignition.....	4.7250.
Total organic matter, carbonic acid, etc.	1.5687.
Ammonia, free.....	0.0006985
Ammonia, albumenoid.....	0.004656.
Nitrogen, from nitrates and nitrites.....	0.071900.
Sewage.....	0.046500.
Sulphuric acid, free.....	None.
Sulphuric acid, in combination.....	1.186700.
Chlorine, free.....	None.
Chlorine, in combination.....	0.260300.
Magnesia.....	0.149700.
Alumina and oxides of iron and silica.....	0.548100.
Lime.....	0.604800.

Total solid matter in one United States gallon of water:

Analyzed by Total grains.

Schuylkill.....	Prof. Boyer (in 1842)	4421
Schuylkill.....	Booth & Garrett (1854)	6314
Schuylkill.....	Booth & Garrett (1862)	5693
Schuylkill.....	F. C. Phillips (1870)	4493
Schuylkill.....	C. M. Cresson (1872)	6293
Delaware.....	Wurtz.....	3480
Croton, N. Y.....	Chandler (1870).....	6873
Jersey City & Newark.....	E. W. Horseford.....	7440
Cleveland, Ohio.....	J. L. Cassels.....	6270
Chicago (Lake Tun'l).....	Blaney.....	6680
Albany, N. Y.....	Horseford.....	10,780
Rochester, N. Y.....	Chandler.....	13,250
Syracuse, N. Y.....	Chandler.....	13,930
Brooklyn, N. Y.....	Chandler.....	3920
Boston, Mass.....	Horseford.....	3110
London, England.....	Letterly.....	16,380
Paris, France.....	.....	8830

THE NAME OF GOD.—It is singular that the name of God should be spelled in four letters in almost every known language. It is in Latin, Deus; in Greek, Zeus; Hebrew, Adon; Syria, Adad; Arabian, Alla; Persian, Syrs; Tartarian, Igan; Egyptian, Aumn or Zeut; East India, Esgi or Zenl; Japanese, Zain; Turkish, Addi; Scandinavian, Odin; Wallachian, Sene; Margian, Eese; Swedish, Oddd; Irish, Dich; German, Gott; French, Dieu; Spanish, Dios, and Peruvian, Llan.

MR. GEORGE W. CHILDS has every reason to congratulate himself on the success of the *Philadelphia Ledger*. For the week ending last Saturday his circulation averaged over 82,000 copies per day. When it is remembered that the *Ledger*, under Mr. Childs's management, has uniformly refused to yield to the sensational allurements which have beguiled so many other papers to their ruin in character, this success is the more remarkable and encouraging.—*From the New York Tribune, May 31, 1872.*

VACCINATION STATISTICS.

THE following statistics are taken from the "Essay on Vaccination," by Edward Ballard, M.D., University College, London:

1. As regards the decreased mortality from small-pox since the introduction of vaccination:

In London, from 1750 to 1800, 9.6 per cent. of all the deaths were from small-pox. As vaccination became more extensively practiced the deaths from small-pox decreased as follows: From 1810 to 1820, 4.2 per cent.; 1820 to 1830, 3.2 per cent.; 1830 to 1840, 2.3 per cent.; 1840 to 1850, 1.8 per cent.; 1850 to 1860, 1.2 per cent.

In Austria, Prussia, France, Denmark and the British Islands, the decrease has been strongly marked. We give that of Austria, as the dates are more uniform than elsewhere.

Average annual death-rate from small-pox per million of population:

	1777 to 1806.	1807 to 1850.
Lower Austria.....	2484	340
Upper Aus. and Salzburg..	1421	501
Styria.....	1052	446
Illyria.....	518	244
Trieste.....	14,046	182
Tyrol and Voralberg.....	911	170
Bohemia.....	2174	215
Moravia.....	5402	255
Austrian Silesia.....	5812	198
Gallicia.....	1194	516

2. As regards the comparative fatality when small-pox attacks those who have been vaccinated and those who have not:

Percentage of cases terminating in death.

Place and time of observation.	No. of cases observed.	Among the unprotected.	Among the vaccinated.
France, 1816-41.....	16397	16	1
Cant. Vaud, 1825-9.....	5838	24	2
Milan, 1830-51.....	10240	38½	7½
Carinthia, 1834-5.....	1626	14½	½
Lower Aust'a, 1835.....	2287	26	11½
Bohemia, 1835-55.....	15640	30	5
London Small-pox Hospital, 1836-56.....	9000	35	7
Vienna Hospital, 1837-56.....	6213	30	5
Wurtemberg (no date given).....	6258	39	3½
Malta (no date).....	7570	21	4

3. As Regards Vaccination.—In Wurtemberg in five years, among 84,248 revaccinated adults, there were but two cases of small-pox, while among 363,298 adults having been vaccinated in infancy only there were 1058 cases. One successful revaccination at or after puberty is all that is required to supplement the infantile vaccination. This is attested by the experience of many physicians, and many statistics too scattered to be quoted here. The cicatrix should be well marked.

4. As Regards the Communication of other Diseases by Vaccination.—Numerous English, French and German physicians, some of whom have vaccinated over 40,000 children each, testify that they have never known a case of such communication. A few physicians testify to a few isolated cases to the contrary. If they exist, therefore, they must be extremely rare. But there is reason to suppose that in these cases the disease has been communicated otherwise, for certain French and German physicians have tried to communicate syphilis and scrofula in this way, and have failed in every case.

Ninth Month,]

SEPTEMBER.

[1873.

MOON'S PHASES, Philadelphia.

○ Full Moon... $\begin{smallmatrix} d. & h. & m. \\ 6 & 4 & 9 \end{smallmatrix}$ P.M. ● New Moon... $\begin{smallmatrix} d. & h. & m. \\ 21 & 0 & 50 \end{smallmatrix}$ P.M.
 ☾ Last Quarter $\begin{smallmatrix} 13 & 10 & 40 \end{smallmatrix}$ A.M. ☽ First Quarter $\begin{smallmatrix} 29 & 9 & 54 \end{smallmatrix}$ A.M.

PHENOMENA.

Day of the Year.	Day of the Month.	Day of the Week.	THE SUN, Philadelphia.			THE MOON, Philadelphia.				THE TIDES, Philadelphia.					Height in feet.	
			Rises	Souths	Sets	Rises	Souths	Sets.	Age.	High	Tide.	Low	Tide.			
			A.M. h. m.	A.M. m. s.	P.M. h. m.	P.M. h. m.	P.M. h. m.	P.M. h. m.	d.	A.M. h. m.	P.M. h. m.	A.M. h. m.	P.M. h. m.			
244	1	M	5 28	0 16	6 31	2 58	7 26	11 53	10	8 4	8 41	2 48	3 23	5.5	10.01 P.M.	Ant. sets
245	2	Tu	5 29	0 35	6 30	3 59	8 28	A.M.	11	9 20	9 56	4 0	4 39	5.3	10.33 P.M.	Arct. sets
246	3	W	5 30	0 54	6 28	4 52	9 30	0 58	12	10 33	11 9	5 15	5 52	5.5	10.59 A.M.	☉ h. ☾.
247	4	Th	5 31	1 14	6 26	5 37	10 30	2 12	13	11 43	...	6 28	7 2	5.8	9.27 A.M.	☉ ☽ ☉.
248	5	F	5 32	1 33	6 25	6 14	11 28	3 32	14	0 14	0 41	7 33	8 0	6.0	8.54 P.M.	h. south.
249	6	S	5 33	1 54	6 23	6 45	A.M.	4 52	15	1 6	1 29	8 25	8 48	6.2	7.41 P.M.	Fom. rises
250	7	S	5 34	2 14	6 22	7 14	0 23	6 13	16	1 52	2 16	9 11	9 35	6.4	2.18 A.M.	☽ rises.
251	8	M	5 35	2 34	6 20	7 41	1 15	7 29	17	2 39	3 2	9 58	10 21	6.5	8.59 P.M.	☽ rises
252	9	Tu	5 36	2 55	6 18	8 8	2 7	8 44	18	3 24	3 47	10 43	11 6	6.5	2.15 P.M.	☉ ☽ ☾.
253	10	W	5 37	3 16	6 17	8 38	2 58	9 59	19	4 11	4 34	11 30	11 53	6.5	2.34 A.M.	☉ ☽ ☽.
254	11	Th	5 38	3 37	6 15	9 12	3 50	11 13	20	4 57	5 20	...	0 16	6.4	7.08 P.M.	Vega S.
255	12	F	5 39	3 58	6 13	9 51	4 43	0 24	21	5 45	6 10	0 39	1 4	6.2	8.16 P.M.	Alt. S.
256	13	S	5 40	4 19	6 12	10 37	5 38	1 30	22	6 37	7 5	1 29	1 56	5.9	1.43 A.M.	Pole* N.
257	14	S	5 41	4 40	6 10	11 29	6 32	2 30	23	7 35	8 8	2 24	2 54	5.6	4.59 P.M.	☽ in ☉.
258	15	M	5 42	5 1	6 9	A.M.	7 26	3 21	24	8 40	9 14	3 27	3 59	5.3	3.42 A.M.	☉ ☽ ☽.
259	16	Tu	5 43	5 22	6 7	0 27	8 18	4 3	25	9 44	10 14	4 33	5 3	5.3	11.06 P.M.	Fom. S.
260	17	W	5 43	5 43	6 5	1 28	9 7	4 38	26	10 42	11 9	5 33	6 1	5.5	11.29 P.M.	☉ ☽ ☾.
261	18	Th	5 44	6 4	6 4	2 30	9 53	5 7	27	11 35	11 58	6 28	6 54	5.8	7.14 P.M.	Capel. rises
262	19	F	5 45	6 25	6 2	3 31	10 36	5 33	28	...	0 20	7 17	7 39	5.9	2.40 A.M.	☽ rises.
263	20	S	5 46	6 46	6 1	4 32	11 18	5 55	29	0 40	0 57	7 59	8 16	6.1	6.59 A.M.	☉ ☽ ☾.
264	21	S	5 47	7 7	5 59	5 30	11 58	6 16	0	1 14	1 31	8 33	8 50	6.2	3.38 A.M.	☉ ☽ ☾.
265	22	M	5 48	7 28	5 57	6 30	0 37	6 35	1	1 48	2 5	9 7	9 24	6.3	6.35 P.M.	Aut. com.
266	23	Tu	5 49	7 48	5 55	7 29	1 17	6 57	2	2 23	2 40	9 42	9 59	6.4	7.33 P.M.	Alt. S.
267	24	W	5 50	8 9	5 54	8 30	1 58	7 19	3	2 58	3 18	10 17	10 37	6.5	9.34 P.M.	☉ ☽ ☽ sup.
268	25	Th	5 51	8 29	5 52	9 33	2 43	7 45	4	3 37	3 56	10 56	11 15	6.5	6.13 P.M.	Vega S.
269	26	F	5 52	8 50	5 50	10 37	3 30	8 17	5	4 16	4 38	11 35	11 57	6.5	7.48 P.M.	☽ rises
270	27	S	5 53	9 10	5 49	11 43	4 21	8 56	6	5 2	5 26	...	0 21	6.3	2.56 A.M.	☽ rises.
271	28	S	5 54	9 30	5 47	0 48	5 17	9 43	7	5 51	6 17	0 45	1 10	6.1	2.23 A.M.	☉ ☽ ☾.
272	29	M	5 55	9 49	5 46	1 49	6 15	10 42	8	6 45	7 16	1 36	2 4	5.8	10.19 P.M.	oc. ☽ Sag.
273	30	Tu	5 56	10 9	5 44	2 44	7 15	11 50	9	7 50	8 26	2 35	3 9	5.5	6.39 P.M.	☉ h. ☾.

WESTWARD, HO!

WITH the certainty that the passage can be made from San Francisco to the Atlantic cities in seven days and at moderate rates, the business must in time become large, swollen as it will be by a very considerable and constantly increasing way-traffic. The following is a statement of time and distances:

	Miles.	Hours.
Philadelphia to Chicago, Illinois....	823	32½
Chicago to Omaha, Nebraska....	491	24½
Omaha to Bryan.....	858	43
Bryan to Ogden, Utah.....	233	10½
Ogden to Elko, Nevada (via Central Pacific Railway).....	278	12½
Elko to Sacramento, California (via Central Pacific Railway)..	465	31
Sacramento to San Francisco (via Western Pacific Railway)	117	3½

Total..... 3265 157½

Thus a total distance of 3265 miles is made, according to the present schedule-time, in 6 days and 13½ hours, actual time, by a traveler's watch, from which we deduct 3½ hours difference of time when going west, leaving the apparent time consumed in making the trip 6 days and 10 hours. To Honolulu in 9 days from San Francisco, or

15½ days from Philadelphia. To Japan in 19 days from San Francisco, or 25½ days from Philadelphia, or 33 to 34 days from Great Britain—thus beating the British mails sent via Suez three to four weeks.

AS A TRUE JOURNALIST, Mr. Childs appreciates and understands the difference between the liberty of the press and the license of the press. He deals boldly with public matters and with public men in connection with them; but he is always careful to recollect that private character is private property, owned by that most sacred of all circles, the family circle, and that the man who needlessly assails it is as much a criminal as if he robbed the household of its dearest treasures or plucked from it, for his own base uses, its fairest flower. He understands, what I wish all editors in America understood, not only the power of the press, but its proper uses and its great mission, and by his daily conduct and life declares his opinion that the man who owns a printing-press and can use a pen has no more right to indite libels and stamp private reputation than the owner of a uniform and sword has to cut and kill to please his fancies or to gratify his malice.—Hon. John T. Hoffman, Governor of New York.

PHILADELPHIA CHRONOLOGY FOR 1871-72.

1871, December 2. Thomas Elwood Biddle, convicted of the murder of Henry Gamble in the second degree, was sentenced to eight years and six months' imprisonment in the Eastern Penitentiary.

December 4. Hon. James T. Mitchell sworn into office as Associate Judge of the District Court.

December 5. Charles T. Yerkes, Jr., broker, charged with larceny and embezzlement of funds belonging to the city of Philadelphia, was found guilty upon all the counts of the indictment. He was sentenced February 10th to pay a fine of \$500 and undergo an imprisonment in the Eastern Penitentiary of two years and nine months. Pardoned by the Governor September 27, 1872.

December 6. Joseph F. Marcer, City Treasurer of Philadelphia, charged with the embezzlement and misuse of the money of the city, was tried and found guilty. Sentenced February 10th to an imprisonment of four years and nine months in the Eastern Penitentiary, and to pay a fine of \$300,000. Pardoned September 27, 1872.

December 7. City Councils adopted an ordinance fixing the rates of taxation for 1872 at two dollars per one hundred dollars valuation, and eight cents per one hundred dollars special public building tax.

December 8. Andrew McFall died at the Pennsylvania Hospital from the blow of a spittoon alleged to have been received at the hands of Patrick Halpine. The latter was tried and convicted of manslaughter, and February 26th sentenced to three years' imprisonment.

December 10. Chapel of the Roman Catholic Church of the Sacred Heart of Jesus dedicated, Third street, below Reed.

December 18. Edward Martin, charged with causing the death of James Doude on board the ship *Harmonia*, at Spruce street wharf, August 4, 1871, was found guilty of manslaughter, with a recommendation to mercy. Sentenced March 2, 1872, to five years' imprisonment.

December 19. Fourth National Bank, Arch street, below Fifth, stopped payment and failed.

December 21. William Thomas, charged with causing the death of George D. Painter, October 7, 1871, was tried and found guilty of manslaughter, with a recommendation to mercy. Sentenced March 2d to two years' imprisonment.

December 25. Steam-frigate *Chattanooga* sunk at League Island.

December 26. The Rev. M. A. de Wolfe Howe, Protestant Episcopal bishop of the diocese of Central Pennsylvania, was consecrated to that office at St. Luke's Church, Thirteenth street, below Spruce.

1872, January 1. Hon. William S. Stokley inaugurated as Mayor of the city, and Councils organized for 1872. In Select Council W. E. Littleton was elected President, and in Common Council Henry Huhn.

January 6. President U. S. Grant and Secretary of the Treasury Boutwell were formally received at the Commercial Exchange by officers and members of that body.

January 7. St. Peter's Memorial Chapel (P. E.) opened at the south-east corner of Ninth and Federal streets.

January 8. Steamship *George W. Clyde*

launched at the ship-yard of W. H. Cramp & Sons.

January 9. Thomas Crilley, sixteen years old, died at Pennsylvania Hospital from a pistol-shot received on the 31st of December. Thomas Whalen, committed on the charge of having fired the shot, was acquitted February 21st.

January 10. Complimentary dinner given to Hon. D. M. Fox, ex-Mayor of the city, at the Academy of Music.

January 13. Chapel of the Bethlehem Mission (Moravian), Hancock street, above Dauphin, dedicated.

January 16. Henry Waters and George Lightcap shot at Thirty-fifth street and Lancaster avenue after the polls for a delegate election had been closed.

January 20. The new department of the House of Refuge for white girls dedicated.

January 21. The new Catholic Church of the Immaculate Conception, at Front and Canal streets, opened with appropriate ceremonies.

January 27. Meeting of merchants and others at Board of Trade rooms to protest against an ordinance providing for taxing sales, pleasure-carriages, horses, etc.

January 30. Special election in the Fourth Senatorial district; Henry W. Gray returned as elected. Vote—Gray, 12,312; McClure, 11,421. McClure afterward contested the seat before the Senate, which was awarded to him.

—Water pumped for the first time into the new reservoir of the Delaware Water-works at Eighth street and Lehigh avenue.

February 3. William H. Oskins, charged with the murder of his wife by shooting her on the 6th of November, 1871, acquitted on the ground of insanity.

February 4. Central Presbyterian Church, corner of Franklin and Thompson streets, dedicated.

February 12. The Supreme Court in Banc declares that William S. Allen and Henry Huhn have forfeited their seats as members of Common Council by reason of being sureties on the bond of the City Treasurer, Marcer.

February 14. Maggie Foy died at the hospital from wounds alleged to have been received at the hands of her husband, James Foy. He was convicted of murder in the second degree, and sentenced May 4th to imprisonment in the Eastern Penitentiary for twelve years.

February 17. The new Philadelphia Orthopaedic Hospital, Seventeenth and Summer streets, formally opened.

—Steam-propeller *Claymont* sinks at Girard wharf, above Market street. Mrs. Annie Smith, the stewardess, was drowned.

February 19. Thomas McKinney died at the Almshouse. William Brown, who was arrested on the charge of killing him, was convicted of manslaughter May 1, and sentenced May 4 to an imprisonment in the Eastern Penitentiary for four years.

February 20. Ex-Sergeant of Police John Duffy, charged with having caused the death of Levi Bolden, colored, by shooting him on the 23d of October, 1871, was acquitted.

February 22. Meeting of the surviving soldiers of the War of 1812, and parade of the Thirteenth regiment and Company D of the First regiment.

February 25. M. E. church corner Green Tree lane and Ridge avenue dedicated.

Tenth Month,]

OCTOBER.

[1873.

			MOON'S PHASES, Philadelphia.																																											
			d. h. m.						d. h. m.																																					
			○ Full Moon... 6 0 31 A.M.						● New Moon... 21 5 55 A.M.																																					
			☾ Last Quarter 13 1 25 A.M.						☽ First Quarter 28 7 10 P.M.																																					
			THE SUN, Philadelphia.						THE MOON, Philadelphia.						THE TIDES, Philadelphia.																															
			Rises			Souths			Sets			Rises			Souths			Sets			High Tide.			Low Tide.			Height in feet.																			
			A.M.			A.M.			P.M.			P.M.			P.M.			A.M.			A.M.			P.M.			P.M.			P.M.																
			h. m.			m. s.			h. m.			h. m.			h. m.			h. m.			h. m.			h. m.			h. m.			h. m.																
274	1	W	5 57	10 28	5 42	3 30	8 14	...	10	9 5	9 41	3 45	4 24	5.3																																
275	2	Th	5 58	10 47	5 41	4 8	9 2	1 5	11	10 15	10 48	5 0	5 33	5.5																																
276	3	F	5 59	11 5	5 39	4 40	10 7	2 23	12	11 20	11 49	6 7	6 39	5.7																																
277	4	S	6 0	11 23	5 37	5 11	10 59	3 41	13	...	0 17	7 8	7 36	5.9																																
278	5	S	6 1	11 41	5 36	5 38	11 51	4 59	14	0 41	1 4	8 0	8 23	6.1																																
279	6	M	6 2	11 59	5 34	6 5	A.M.	6 16	15	1 25	1 47	8 44	9 6	6.3																																
280	7	Tu	6 3	12 16	5 33	6 34	0 43	7 33	16	2 10	2 34	9 29	9 53	6.4																																
281	8	W	6 4	12 32	5 31	7 6	1 36	8 49	17	2 57	3 21	10 16	10 40	6.5																																
282	9	Th	6 5	12 49	5 29	7 45	2 30	10 4	18	3 44	4 10	11 3	11 29	6.5																																
283	10	F	6 6	13 4	5 28	8 28	3 26	11 16	19	4 35	5 1	11 54	...	6.4																																
284	11	S	6 7	13 20	5 26	9 19	4 23	0 21	20	5 27	5 52	0 20	0 46	6.2																																
285	12	S	6 8	13 34	5 25	10 17	5 19	1 16	21	6 19	6 45	1 11	1 38	6.0																																
286	13	M	6 9	13 49	5 23	11 18	6 12	2 2	22	7 13	7 40	2 4	2 32	5.7																																
287	14	Tu	6 10	14 2	5 22	A.M.	7 3	2 40	23	8 11	8 41	2 59	3 30	5.5																																
288	15	W	6 11	14 15	5 20	0 21	7 50	3 11	24	9 12	9 39	4 0	4 31	5.3																																
289	16	Th	6 12	14 28	5 19	1 22	8 35	3 36	25	10 5	10 29	4 58	5 24	5.4																																
290	17	F	6 13	14 40	5 17	2 22	9 16	4 0	26	10 53	11 17	5 48	6 12	5.6																																
291	18	S	6 15	14 51	5 16	3 22	9 56	4 20	27	11 39	...	6 36	6 58	5.8																																
292	19	S	6 16	15 2	5 14	4 21	10 36	4 41	28	...	0 20	7 19	7 39	5.9																																
293	20	M	6 17	15 12	5 13	5 21	11 16	5 2	29	0 39	0 56	7 58	8 15	6.1																																
294	21	Tu	6 18	15 21	5 12	6 23	11 57	5 25	0	1 13	1 30	8 32	8 49	6.2																																
295	22	W	6 19	15 30	5 11	7 24	0 41	5 49	1	1 49	2 8	9 8	9 27	6.3																																
296	23	Th	6 20	15 38	5 9	8 29	1 28	6 19	2	2 28	2 50	9 47	10 6	6.5																																
297	24	F	6 21	15 45	5 7	9 36	2 18	6 55	3	3 12	3 34	10 31	10 53	6.5																																
298	25	S	6 22	15 52	5 6	10 42	3 12	7 39	4	3 58	4 23	11 17	11 42	6.5																																
299	26	S	6 23	15 57	5 5	11 44	4 9	8 35	5	4 49	5 15	...	0 8	6.4																																
300	27	M	6 24	16 3	5 3	0 40	5 8	9 38	6	5 41	6 8	0 34	1 0	6.2																																
301	28	Tu	6 25	16 7	5 2	1 28	6 6	10 49	7	6 36	7 5	1 27	1 55	5.9																																
302	29	W	6 27	16 11	5 1	2 7	7 2	A.M.	8	7 36	8 10	2 24	2 55	5.6																																
303	30	Th	6 28	16 14	5 0	2 41	7 56	0 4	9	8 43	9 18	3 29	4 2	5.3																																
304	31	F	6 29	16 16	4 58	3 8	8 47	1 19	10	9 50	10 19	4 37	5 9	5.3																																
															☾ Per., 5d. 1.48h.A.M																															
															☽ Ap.17d.11.12h.A.M																															
															7.10 P.M. ♀ south.																															
															10.03 P.M. ♀ Fom. S.																															
															3.09 A.M. ♀ rises.																															
															7.16 P.M. ♀ * rises																															
															10.30 P.M. ♀ Alt. sets.																															
															11.53 P.M. ☉ ☽ ☾																															
															8.23 P.M. Ald. * rises																															
															10.32 A.M. ☽ in ☽.																															
															5.18 P.M. ♀ Vega S.																															
															10.06 P.M. 3 Kings rise																															
															3.46 A.M. ☽ 2 rises.																															
															11.45 P.M. Pole * N.																															
															9.28 P.M. Mark. S.																															
															8.28 P.M. ☉ ♀ 2.																															
															3.35 A.M. ♀ rises.																															
															10.56 P.M. ♀ sets.																															
															6.25 P.M. ♀ * rises																															
															1.13 A.M. ☉ 2 ☾.																															
															0.18 P.M. ☐ ☉.																															
															6.11 A.M. 8 ☽ ☉.																															
															8.48 P.M. Fom. S.																															
															5.50 P.M. ☉ ☽ ☾.																															
															3.41 P.M. ♂ gr.H.I.S																															
															3.07 A.M. 2 rises.																															
															9.31 P.M. Alt. sets.																															
															8.59 P.M. ☉ ♂ ☾.																															
															7.04 P.M. Ald. rises																															
															2.04 A.M. ☉ h 2.																															
															4.05 A.M. ♀ rises.																															
															5.34 P.M. ♀ * rises																															
															10.00 P.M. ♀ sets.																															

PHILADELPHIA VESSELS CAPTURED BY PRIVATEERS.

THE following is a list of Philadelphia vessels captured by Rebel privateers during the Rebellion:

	Tons.
Alliance, schooner, bound to Port Royal— Captured September, 1863.....	190
B. F. Martin, brig, to Havana—June 16, '61.....	293
Constitution, ship, to Valparaiso—June, '63.....	997
Ann Corris, brig, to Cardenas—Jan. 22, '63.....	235
Glen, bark, to Tortugas—July, 1861.....	287
Greenland, bark, to Pensacola—July 9, '64.....	549
John Crawford, ship, to Key West—Aug. '61.....	...
Joseph Maxwell, bark, to Laguayra—July 27, 1861.....	295
Kate Stewart, schooner, to Newcastle—June, 1863.....	387
Robert Gilfillan, schooner, to St. Domingo— February 26, 1862.....	240
Sea Bird, schooner, to Newbern— —, 1863.....	200
Tonawanda, ship, to Liverpool—Oct. 9, '62.....	1300
Whistling Wind, bark, to New Orleans— June 6, 1863.....	349

The following vessels were bound to Philadelphia when taken:

	Tons.
David Lapsley, bark.....	289
E. F. Lewis, schooner.....	197
Goodspeed, schooner.....	280
Henry Nutt, schooner.....	235
Joseph, brig.....	171
M. A. Schandler, schooner.....	299
Protector, schooner.....	200
Romana, bark.....	340
Sarah A. Boyce, schooner.....	220
Spokane, schooner.....	126
Tacony, bark.....	296
W. McGilvery, brig.....	198

THE *Public Ledger* made its appearance on Monday morning enlarged to the extent of four columns, giving it a far more symmetrical form and adding just so much to its capacity to benefit the reader. Judging from its advertising custom, we should say that the business of Philadelphia was never more prosperous and profitable. Editorially the paper was never so well conducted. Its candor and impartiality is one of its marked features, but in every department it exhibits the careful supervisory characteristics of its eminent publisher, Mr. George W. Childs.—*Germantown Telegraph.*

February 26. John H. Brown, colored, died from pistol-shot wound in the head inflicted January 1st by David A. Rutter, colored, who was convicted March 28th of involuntary manslaughter, and sentenced to one year's imprisonment.

March 2. John Green, previously convicted of the murder of John Pervard, alias Kelly, in the second degree, was sentenced to three years' imprisonment in the Eastern Penitentiary.

March 4. Centennial Commission meet at Independence Hall.

March 6. The Philadelphia Conference of the Methodist Episcopal Church meet at Catharine Street Methodist Episcopal Church.

— Centennial Commission entertained at Union League House.

March 8. Complimentary banquet to Colonel John W. Forney, late Collector of the Port, by the merchants of Philadelphia, at the foyer of the Academy of Music.

— Protestant Episcopal Church of the Resurrection, Broad and Tioga streets, consecrated.

— President Grant and family arrived in Philadelphia and remained several days as the guests of Mr. George W. Childs.

March 11. Centennial Commission adjourned until May.

— New hall of the Philadelphia Rifle Club opened.

— Hall of Historical Society of Pennsylvania formally opened.

March 15. A portion of the Japanese Embassy arrive, and are quartered at the Continental.

— Twentieth Annual Commencement of the Women's Medical College. Thirteen women graduate as M. D.

March 16. The Academy of Fine Arts reorganized; capital stock, \$1,000,000.

March 18. The City Sewage Utilization Company was served with a notice by the Board of Health to clean all the streets in the city according to contract within ten days, otherwise the contract would be forfeited.

March 19. The journeymen carpet-weavers strike for higher wages.

March 20. Both Houses of the Legislature of Pennsylvania broke up the bogus diploma business by the passage of a bill to repeal the charters of the Eclectic Medical College of Pennsylvania and the Philadelphia University of Medicine.

— Simmons & Slocum's Opera House, Arch street, above Tenth, burned.

— The bark Gemini, 118 days from Foochow, China, arrived with teas consigned to E. C. Knight & Co. and John H. Catherwood & Co., being the first direct importation of tea to Philadelphia for over thirty years.

March 22. Japanese Embassy visit the *Ledger* building and witness the operations of printing the paper.

March 23. Meeting at the Mayor's office in reference to removing the State capital to Philadelphia; committees appointed, etc.

March 25. The Pennsylvania Railroad Company commenced business at their new office, corner of Fourth street and Willing's alley.

March 26. George Miller, charged with the murder of Dominick Torpey August 16, 1871, was tried and acquitted.

March 28. John Kenney, charged with the murder of James McNally by assault on Oct. 10, 1871, was found guilty of murder in the second de-

gree, and sentenced to eight years in the Eastern Penitentiary.

April 1. The stockholders of the Union Passenger Railway Company by vote accepted the Act of Assembly giving them a right to lay down a track upon Market street.

April 2. Joseph Wittle, lion-tamer, was dreadfully bitten and mangled by a lion at O'Brien's menagerie, Frankford, and died on the 4th.

April 3. Church of the Restoration (Universalist), Master street, above Sixteenth, dedicated.

April 6. Wholesale Grocers' Exchange formed.

April 7. Trinity Reformed Church, Seventh street, below Oxford, dedicated.

— William Patterson was killed in Murray's court, Bainbridge street, above Sixth. Casper Ruff, charged with the murder, was tried May 27th and acquitted.

April 8. The Sewage Utilization Company suspended work and gave up further attempts to execute its contract to clean the streets.

— Robert Scott, colored, died at Pennsylvania Hospital from gun-shot wound received April 1st. Isaac Hull charged with the murder.

April 10. Important meeting of the committees of Commercial Exchange, Board of Trade and City Councils in reference to the widening of Delaware avenue and laying down railroad tracks thereon.

— The Board of Health annulled the contract for cleaning the streets of the city made with the Sewage Utilization Company in consequence of the failure of the latter to perform the work.

April 11. Both branches of City Councils passed an ordinance directing the restoration of Independence Hall to the condition as nearly as possible in which it was on the Fourth of July, 1776, excepting only that portraits of signers of the Declaration of Independence and the Presidents of the United States should be placed therein.

— The walls and floors of a building on Eighth street, above Filbert, fell in upon workmen engaged in pulling them down. Bernard Glancey and Alexander Crawford were killed and two others badly wounded.

— Frank McFall, convicted of assault upon William F. Johnson, with highway robbery and intent to kill, was sentenced to seven years' imprisonment in the Eastern Penitentiary.

April 12. Street-cleaning commenced under charge of the Board of Health.

April 15. The Philadelphia Ministerial Union founded by Protestant evangelical clergymen.

— Yearly meeting of Friends (Orthodox) commenced at the meeting-house, Fourth and Arch streets.

April 16. A memorial meeting in honor of the late Professor Samuel F. B. Morse, inventor of the electro-magnetic telegraph, held at the State House, Mayor Stokley in the chair.

April 17. The Public Buildings Commission annulled a former resolution directing that the buildings should be constructed upon the four Penn Squares, and ordering the erection of one building at the intersection of Broad and Market streets.

April 18. The Scott Legion celebrated the twenty-fifth anniversary of the battle of Cerro Gordo.

April 19. The artillery corps Washington Grays celebrated the fiftieth anniversary of their organization, and dedicated at Broad street and

Eleventh Month,]

NOVEMBER.

[1873.]

MOON'S PHASES, Philadelphia.

○ Full Moon... *d. h. m.*
 4 10 48 A.M.
 ☾ Last Quarter 11 7 48 P.M.

● New Moon... *d. h. m.*
 19 10 36 P.M.
 ☽ First Quarter 27 3 13 A.M.

PHENOMENA.

MOON'S PHASES, Philadelphia.															PHENOMENA.																	
			d. h. m.			d. h. m.																										
○ Full Moon...			4 10 48 A.M.			● New Moon...			19 10 36 P.M.																							
☾ Last Quarter			11 7 48 P.M.			☽ First Quarter			27 3 13 A.M.																							
THE SUN, Philadelphia.			THE MOON, Philadelphia.						THE TIDES, Philadelphia.																							
Rises			Souths			Sets			Rises			Souths			Sets			High Tide.			Low Tide.			Height.								
A.M. h. m.			A.M. h. m.			P.M. h. m.			P.M. h. m.			P.M. h. m.			P.M. h. m.			A.M. h. m.			P.M. h. m.			A.M. h. m.			P.M. h. m.			Height.		
305	1	S	6 30	16 17	4 57	3 37	9 38	2 34	11 50	11 18	5 38	6 9	5.6	☾ Per., 2d. 8.18h. A.M.																		
306	2	S	6 31	16 18	4 56	4 3	10 28	3 50	11 45	...	6 37	7 4	...	☾ Apo. 14d. 3.54h. A.M.																		
307	3	M	6 33	16 18	4 55	4 30	11 20	5 5 13	11 0	0 36	7 30	7 55	6.0	☾ Per., 29d. 10h. P.M.																		
308	4	Tu	6 34	16 17	4 54	5 0	A.M.	6 21	10 59	1 22	8 18	8 41	6.2	8.13 P.M. Mark. S.																		
309	5	W	6 35	16 15	4 53	5 35	0 13	7 38	1 44	2 9	9 3	9 28	6.3	2.23 P.M. ☐ ☽ ☾																		
310	6	Th	6 36	16 12	4 52	6 17	1 9	8 53	2 34	2 59	9 53	10 18	6.5	9.20 A.M. ☽ ☽ ☽																		
311	7	F	6 37	16 9	4 51	7 6	2 7	10 3 17	3 24	3 50	10 43	11 9	6.5	 ☾ ecl. inv																		
312	8	S	6 38	16 4	4 50	8 3	3 5	11 5 18	4 16	4 42	11 35	...	6.5	0.26 A.M. Vega sets																		
313	9	S	6 40	15 59	4 49	9 4	4 1	11 57 19	5 8	5 33	0 1	0 27	6.3	7.46 P.M. Fom. S.																		
314	10	M	6 41	15 53	4 48	10 8	4 55	0 38 20	5 56	6 20	0 52	1 15	6.1	9.03 P.M. Pole * N																		
315	11	Tu	6 42	15 46	4 47	11 11	5 44	1 12 21	6 44	7 8	1 39	2 3	5.9	0.49 A.M. ☽ gr. H. I. S.																		
316	12	W	6 43	15 38	4 46	A.M.	6 30	1 40 22	7 31	7 58	2 27	2 50	5.6	4.30 A.M. ♀ rises.																		
317	13	Th	6 44	15 29	4 45	0 13	7 13	2 4 23	8 24	8 50	3 17	3 43	5.4	10.19 A.M. ☽ gr. E. I. E.																		
318	14	F	6 45	15 20	4 44	1 13	7 54	2 26 24	9 16	9 40	4 9	4 35	5.3	9.17 P.M. ♀ sets.																		
319	15	S	6 47	15 9	4 43	2 11	8 33	2 47 25	10 4	10 26	4 59	5 23	5.4	8.47 P.M. ☽ sets.																		
320	16	S	6 48	14 58	4 42	3 11	9 13	3 6 26	10 50	11 14	5 45	6 9	5.6	6.57 P.M. ☽ stat.																		
321	17	M	6 49	14 46	4 42	4 10	9 54	3 28 27	11 36	11 58	6 33	6 55	5.8	2.59 P.M. ☽ in Per.																		
322	18	Tu	6 50	14 33	4 41	5 13	10 36	3 52 28	...	0 20	7 17	7 39	5.9	10.20 P.M. ☽ ☽ ☽																		
323	19	W	6 51	14 19	4 40	6 17	11 22	4 21 29	0 41	1 8	0	8 20	6.1	4.51 A.M. ♀ rises.																		
324	20	Th	6 52	14 5	4 40	7 25	0 12	4 54 30	1 22	1 43	8 41	9 2	6.2	 ☽ ecl. inv.																		
325	21	F	6 53	13 49	4 39	8 33	1 6	5 37 2	2 8	2 31	9 27	9 50	6.4	6.42 A.M. ☽ ☽ ☽																		
326	22	S	6 54	13 33	4 38	9 38	2 4	6 29 3	2 56	3 22	10 15	10 41	6.5	11.15 P.M. Vega sets																		
327	23	S	6 55	13 16	4 38	10 36	3 3	7 31 4	3 47	4 14	11 6	11 33	6.5	6.46 P.M. Mark. S.																		
328	24	M	6 56	12 58	4 37	11 27	4 1	8 40 5	4 41	5 8	...	...	6.4	3.30 P.M. ☽ ☽ ☽																		
329	25	Tu	6 58	12 40	4 37	0 9	4 58	9 53 6	5 33	5 59	0 27	0 52	6.2	8.46 P.M. ☽ sets.																		
330	26	W	6 59	12 21	4 36	0 43	5 51	11 7 7	6 25	6 50	1 18	1 44	6.0	8.27 P.M. ♀ sets.																		
331	27	Th	7 0	12 1	4 36	1 12	6 42	A.M.	7 17	7 46	2 9	2 36	5.7	0.38 A.M. ☽ in ☽.																		
332	28	F	7 1	11 40	4 36	1 39	7 31	0 20 9	8 16	8 47	3 5	3 35	5.4	6.19 P.M. Fom. S.																		
333	29	S	7 2	11 19	4 35	2 5	8 19	1 33 10	9 17	9 45	4 6	4 36	5.3	1.15 A.M. ☽ rises.																		
334	30	S	7 3	10 57	4 35	2 30	9 9	2 44 11	10 15	10 45	5 4	5 34	5.4	1.24 P.M. ☽ ☽ ☽ inf.																		

PLACES OF AMUSEMENT BURNED IN PHILADELPHIA.

1799, December 17th. Rickett's Circus and Amphitheatre, south-west corner Sixth and Chestnut streets.

1819, September 8th. Vauxhall Garden, N. E. cor. Walnut and Broad sts.—set on fire by a mob.

1820, April 2d. Chestnut Street Theatre, north side of Chestnut street, above Sixth.

1821, May 9th. Old Southwark Theatre, south side of South street, between Fourth and Fifth.

1851, March 18th. Assembly Buildings, south-west corner Tenth and Chestnut streets.

1851, December 30th. Barnum's Museum, south-east corner Seventh and Chestnut streets.

1853, December 9th. Sanford's Opera House, west side of Twelfth street, below Chestnut.

1854, July 5th. National Theatre, south side of Chestnut street, east of Ninth.

1854, July 5th. Chinese Museum, north-east corner Ninth and Sansom streets.

1867, June 19th. American (formerly Continental) Theatre, north side of Walnut street, between Eighth and Ninth.

1868, November 25th. Atlantic Garden, formerly City Museum, Callowhill street, between Fourth and Fifth.

1870, March 8th. Harmonia Hall (German theatre), Coates street, near Franklin.

1871, October 16th. Sanford's Opera House, Second street, above Poplar.

1872, March 20th. Simmons & Slocum's Opera House, Arch street, above Tenth, north side.

Lailson's fine, large amphitheatre, Fifth street, above Prune, east side, was totally destroyed by the falling in of the dome from overweight, July 8, 1798.

THE Philadelphia Ledger has at last been obliged to resort to supplementary sheets to accommodate its embarrassing amount of advertising. The difficulty with the Ledger heretofore in the way of seeking relief by supplements has been how to print and fold the supplementary sheets with the enormous regular edition in season to supply subscribers and newsmen, but Mr. Childs seems to have hit upon some means of accomplishing it. The remarkable success of the Ledger, conducted without a particle of sensation "enterprise" or clap-trap, is a wholesome lesson, showing that readers and advertisers alike prefer a newspaper that is run on straightforward business principles.—From the Evening Star, Washington, D. C.

Girard avenue a monument to the memory of the members of the corps who fell in the service of the United States during the rebellion.

April 20. W. G. Marshal, a sailor on board the English brigantine Citadel, lying at Race street wharf, was stabbed and killed by John C. Schmidt, a comrade. Schmidt was convicted of murder in the second degree, and sentenced May 4th to imprisonment in the Eastern Penitentiary for twelve years.

April 23. The Society of the Sons of St. George celebrated its centennial anniversary.

April 26. Mass-meeting of Republicans in favor of "reform within the party" held at Concert Hall.

April 29. William Mayland, charged with the murder of Hugh Carroll November 7, 1871, was tried in the Court of Oyer and Terminer and acquitted.

May 2. Both branches of City Councils passed an ordinance authorizing the Pennsylvania Railroad Company to lay railroad tracks on Swanson street north to the southern wall of the Philadelphia Navy-yard.

May 4. Eighth annual reunion of the Third Army Corps held at Belmont, Fairmount Park, closing with a business meeting in the Select Council chamber and a banquet at Guy's hotel.

May 5. Friends' meeting-house, north-west corner of Seventeenth street and Girard avenue, was opened for the first time for public worship.

May 7. The American Medical Association commenced its twenty-third annual session at Horticultural Hall.

— William H. Webb, alias Buck, was killed in a cell in the Eastern Penitentiary by Michael Trimbur, a fellow-prisoner. The latter was convicted of murder in the second degree Sept. 28th.

May 10. The American Medical Association adjourned to meet in St. Louis in 1873.

May 13. Yearly meeting of the Society of Friends (Hicksites) began at meeting-house Fifteenth and Race streets.

— John Rausch was killed and Frank Jones wounded at the lager-beer saloon of William Hungerbuehler, Poplar street, above Sixth. The Coroner's jury found a verdict that Hungerbuehler killed Rausch in self-defence. He was afterward tried for the murder and acquitted May 28th.

— Regatta of the Philadelphia Yacht Club on the Delaware; forty-six contestants. The prizes were won by the yachts B. Akins, Louis Scheer and John J. Hare, Jr., of the first class; Charles Able, John F. Brewer and George K. Wise, Jr., of the second class.

May 15. Franz Abt, German music composer, was received by German musical societies with a torchlight procession and a serenade.

May 17. Corner-stone laid of the Protestant Episcopal Church of St. Mathias, corner Nineteenth and Wallace streets.

May 18. The Court of Common Pleas delivered an opinion in the case of McClain vs. The City, deciding that the Local-Option law as applied to the Twenty-second ward was constitutional. Judge Ludlow dissented.

May 19. Corner-stone laid of the Roman Catholic Church of the Sacred Heart of Jesus, corner of Third and Reed streets.

— Presbyterian Church, Chelton avenue, Germantown, dedicated.

May 20. Four-oared race on the Schuylkill between Henry Coulter and Lewis Cavitt of Pitts-

burg, and John and Barney Biglin, for \$1000; won by the Biglin brothers. Course, from the Falls bridge to the Junction bridge and return. Time, 32.1 minutes.

May 21. The Citizens' Municipal Reform Association convention met at the Assembly Buildings and made nominations of candidates for city and county offices.

May 22. Adjourned session of the Centennial Commissioners commenced.

May 23. The Grand Lodge I. O. O. F. dedicated a monument to the memory of William Curtis, formerly Grand Secretary, at Mount Peace Cemetery.

May 24. The United States Centennial Commissioners adopted a resolution that the great exhibition shall open on the 19th of April, 1876, being the one hundred and first anniversary of the battle of Lexington. The dedicatory ceremonies will take place on the Fourth of July, and the exhibition will close on the 19th of October.

May 27. Steam-boiler explodes at the factory of Troth, Gordon & Co., Crease street, north of Girard avenue. Two persons killed and six injured.

— Lewis D. Thompson, a boy, was killed at Catharine and Fourth streets by a blow from a pole placed across the street, which was knocked down by horses and a carriage driven against it. William O'Harra, Edward McGurk and Joseph Monks were arrested and bound over to answer the charge of murder, and were acquitted September 24th.

May 28. The National Baptist Educational Convention commenced its session at the First Baptist Church, Broad and Arch streets.

May 30. Decoration-day; soldiers' monument dedicated by citizens of the Twenty-first ward at Leverington Cemetery.

June 1. The new Lincoln Market, corner of Broad and Coates streets, was opened for business.

June 2. The corner-stone of St. Veronica's Roman Catholic Church laid at the new Cathedral Cemetery, Second street and Nicetown lane.

— Central Congregational Church, corner of Eighteenth and Green streets, dedicated.

June 4. Meeting held at the Mayor's office for the relief of sufferers by fire at Somerset, Pennsylvania; Colonel J. W. Forney, chairman. Committees were appointed to make collections.

June 5. The National Republican Convention for the nomination of candidates for President and Vice President of the United States met at the Academy of Music; Morton McMichael, temporary chairman. Hon. Thomas Settle of North Carolina was elected president. On the next day (June 6th) the convention nominated Ulysses S. Grant for President and Henry Wilson of Massachusetts for Vice President.

— The laborers of the City Gasworks struck for an increase of fifteen per cent. on their wages; gas scarce in consequence.

June 7. Boat race (single scull) on the Schuylkill between William Scharf of Pittsburg and Thomas C. Butler of Boston, for a purse of \$1000. Won by Scharf. Course, five miles; time, 32.27. Fastest five-mile single-scull race in this country.

June 9. Fortieth Street Methodist Episcopal Church, Fortieth street, below Chestnut, dedicated.

June 10. A strike commenced among workmen engaged as cabinet-makers, upholsterers, etc., connected principally with the manufacture of

Twelfth Month,]

DECEMBER.

[1873.

			MOON'S PHASES, Philadelphia.												PHENOMENA.
			d. h. m.						d. h. m.						
			○ Full Moon... 3 11 20 P.M.						● New Moon... 19 1 49 P.M.						
			☾ Last Quarter 11 4 54 P.M.						☽ First Quarter 26 11 5 A.M.						
			THE SUN, Philadelphia.			THE MOON, Philadelphia.			THE TIDES, Philadelphia.						
			Rises	Souths	Sets	Rises.	Souths	Sets.	High Tide.	Low Tide.	Height				
			A.M. h. m.	A.M. m. s.	P.M. h. m.	P.M. h. m.	P.M. h. m.	A.M. h. m.	A.M. h. m.	P.M. h. m.	A.M. h. m.	P.M. h. m.	P.M. h. m.	in feet.	
335	1	M	7 4	10 34	4 35	2 58	10 0	3 58	11 15	11 42	6 4	6 34	5 7	2.33 P.M.	☽ in Per.
336	2	Tu	7 5	10 11	4 35	3 30	10 54	5 13	...	0 10	7 1	7 29	5 8	8.24 P.M.	Pole * N.
337	3	W	7 6	9 47	4 34	4 7	11 50	6 28	0 36	1 0	7 55	8 19	6 1	5.29 A.M.	☽ rises.
338	4	Th	7 7	9 23	4 34	4 53	...	7 41	1 24	1 50	8 43	9 9	6 3	10.44 P.M.	7 * S.
339	5	F	7 8	8 58	4 34	5 47	0 48	8 48	2 15	2 41	9 34	10 0	6 4	8.46 P.M.	☽ sets.
340	6	S	7 9	8 32	4 34	6 48	1 47	9 46	3 7	3 31	10 26	10 50	6 5	11.25 P.M.	Ald. S.
341	7	S	7 10	8 7	4 34	7 52	2 43	10 32	3 56	4 19	11 15	11 38	6 5	10.18 P.M.	Vega sets
342	8	M	7 11	7 40	4 34	8 57	3 35	11 10	4 43	5 5	...	0 2	6 4	7.27 A.M.	☽ H. C.
343	9	Tu	7 12	7 13	4 34	9 59	4 23	11 41	5 27	5 48	0 24	0 46	6 3	11.51 P.M.	Capel. N.
344	10	W	7 12	6 46	4 34	11 0	5 8	0 6	6 8	6 28	1 7	1 27	6 1	1.15 P.M.	☽ ☽ ☽
345	11	Th	7 13	6 18	4 34	A.M.	5 49	0 28	6 47	7 9	1 47	2 7	5 9	10.06 P.M.	☽ gr. H. I. S.
346	12	F	7 14	5 50	4 34	...	6 29	0 49	7 30	7 53	2 28	2 49	5 7	10.53 A.M.	☽ ☽ ☽
347	13	S	7 15	5 21	4 35	0 59	7 8	1 9	8 18	8 42	3 12	3 37	5 5	11.33 P.M.	Rigel S.
348	14	S	7 16	4 52	4 35	1 58	7 48	1 30	9 25	9 8	9 34	4 1	4 27	0.25 A.M.	☽ rises.
349	15	M	7 16	4 23	4 35	2 58	8 30	1 53	9 59	10 25	4 53	5 18	5 4	5.56 A.M.	☽ rises.
350	16	Tu	7 17	3 54	4 35	4 2	9 14	2 19	10 52	11 19	5 44	6 11	5 6	8.47 P.M.	☽ sets.
351	17	W	7 18	3 24	4 36	5 8	10 3	2 52	11 45	...	6 38	7 4	5 8	9.07 P.M.	☽ ☽ ☽
352	18	Th	7 18	2 55	4 36	6 17	10 56	3 31	0 12	0 38	7 31	7 57	6 0	7.26 A.M.	☽ ☽ ☽
353	19	F	7 19	2 25	4 37	7 24	11 53	4 20	1 2	1 26	8 21	8 45	6 2	5.42 A.M.	☽ gr. E. I. W
354	20	S	7 19	1 55	4 37	8 26	0 53	5 18	1 52	2 19	9 11	9 38	6 4	9.41 P.M.	7 * S.
355	21	S	7 20	1 25	4 38	9 20	1 53	6 27	2 46	3 13	10 5	10 32	6 5	0.32 P.M.	Wint. beg.
356	22	M	7 20	0 54	4 38	10 7	2 52	7 42	3 38	4 4	10 57	11 23	6 5	8.16 A.M.	☽ ☽ ☽
357	23	Tu	7 21	0 24	4 39	10 45	3 47	8 58	4 30	4 55	11 49	...	6 4	10.28 A.M.	☽ ☽ ☽
358	24	W	7 21	0 5	4 39	11 16	4 39	10 12	5 18	5 42	0 14	0 37	6 3	11.46 P.M.	☽ rises.
359	25	Th	7 22	0 34	4 40	11 43	5 29	11 24	6 5	6 28	1 1	1 24	6 1	9.07 P.M.	Vega sets
360	26	F	7 22	1 4	4 40	0 9	6 17	A.M.	7 6	7 17	1 47	2 11	5 8	10.06 P.M.	Ald. S.
361	27	S	7 22	1 34	4 41	0 34	7 4	0 34	8 7	8 13	2 36	3 3	5 6	10.43 P.M.	☽ ☽ ☽
362	28	S	7 23	2 3	4 42	1 0	7 54	1 47	9 8	9 16	3 32	4 4	5 3	9.10 P.M.	7 * S.
363	29	M	7 23	2 33	4 43	1 29	8 45	2 59	9 45	10 16	4 35	5 4	5 3	6.38 P.M.	Pole * N.
364	30	Tu	7 23	3 1	4 43	2 3	9 39	4 11	10 48	11 19	5 35	6 7	5 6	6.28 A.M.	☽ rises.
365	31	W	7 24	3 30	4 44	2 45	10 35	5 24	11 50	...	6 38	7 9	...	8.47 P.M.	☽ sets.

GOVERNMENT TELEGRAPHS.

THE following statistics of the Government telegraphs in the various countries for the year 1870 are given in the *Journal of the Telegraph*:

Countries.	Miles of Line.	Tot'l No. messages sent.	Total receipts for messages	Total expenditures.
N. Germany, . .	15,049	5,272,321	\$1,621,501	\$1,758,070
Bavaria, . . .	4,040	492,188	162,428	284,835
Belgium, . . .	2,666	1,592,079	310,938	305,733
Denmark, . . .	1,217	313,245	104,280	113,540
Spain, ...	7,204	744,070	289,310	715,109
Austria, . . .	14,021	2,264,558	929,221	1,375,407
Hungary, . . .	5,908	1,289,155	438,665	717,821
Italy, ...	10,514	1,813,320	945,234	955,402
Norway, . . .	3,831	364,009	161,565	226,740
Holland, . . .	1,856	1,356,612	256,861	405,571
Portugal, . . .	1,793	165,391	55,368	153,056
Roumania, . .	2,061	213,341	213,025	310,829
Russia, . . .	26,987	2,301,079	2,735,200	2,251,838
Sweden, . . .	4,048	494,111	224,200	226,480
Switzerland, .	3,203	1,329,061	251,432	240,610
Turkey, . . .	15,857	457,993	1,010,184	975,188
G. B. & Ire'd.,	*29,746	10,084,020	3,865,127	6,763,362
Indo-Europ'n.,	2,115	41,000	281,250	340,000
British India, .	14,939	512,648	599,713	1,555,899
Total, . . .	167,055	31,311,001	14,455,352	19,675,487

* Fourteen months.

This statement shows that the total expend-

itures have exceeded the total receipts. The expenditures, however, include cost of construction and other extraordinary expenses, amounting to \$6,287,998. If this amount be deducted, it will show a fair average profit on the working lines.

The telegraphs of the United States are not under Government control, and therefore are not included in the above table. There were at the beginning of 1871 under control of telegraph companies in the United States routes occupying 73,271 miles, using 150,843 miles of wire, and having in use 5914 offices.

THRIFT.—Labor is the greatest promoter of happiness to individuals, of civilization and prosperity to nations. Steady work, with regular earnings, will do more for the elevation and comfort of the laboring man than any other efforts that can be made in this direction. As an illustration, we can state the fact that of the fifty employes of the *Public Ledger* paper-mill, near Elkton, Maryland, twelve married within the last two years. Of these twelve, five were of the fair and seven of the strong sex. During the same time five of the employes have bought or built houses, many own shares in the *Public Ledger* Building Association, and all the children are going to school.

furniture. It was joined subsequently by other trades, until a large number of men had ceased work. The general character of the demand was that eight hours' labor should constitute a day's work, and that the same wages which were paid previously for ten hours' work should be paid for eight hours' work.

June 11. Protestant Episcopal Church of St. Andrew, Thirty-sixth street, near Baring, consecrated.

June 13. First day of the National Amateur Regatta on the Schuylkill River, under the direction of the Schuylkill Navy. Prize for the four-oared sculls won by the Couper Boat Club of Savannah, Georgia; distance, one mile and a half; time, first heat, won by the Couper, 9.05; second heat, won by the Vesper Boat Club of Yonkers, New York, 9.03; third heat, the Coupers were fouled by the Vesper. The latter came in in 9.53 $\frac{1}{4}$, and the umpire gave the prize to the Coupers in consequence of their fouling by the Vespers. Double-scutt race won by Losse and Swan of the Atalanta Boat Club of New York. The race was only partially contested by the Crescent Boat Club of Philadelphia; time, 21.41 $\frac{1}{2}$. Race by six-oared gunwale barges won by the Crescent Boat Club of Philadelphia in the barge lone. Distance, three miles; time, 20.45 $\frac{1}{2}$.

— Corner-stone of the Old Men's Home laid at Thirty-ninth and Arch streets.

June 14. Second day of the regatta. Prize for four-oared gigs won by the Quaker City Boat Club; distance, three miles; time, 29.21. Single-scutt race won by George Englehardt of the Sewahaka Club of Greenpoint, Long Island; distance, five miles; time, 34.20.

June 15. Corner-stone laid of the Educational School for Boys, corner of Forty-ninth street and Greenway avenue.

June 22. Elizabeth Welsh was shot and killed by her son, George Welsh, at No. 1945 Leithgow street. He was tried and on Oct. 3d acquitted on the ground of insanity.

June 24. Regatta of the Delaware Yacht Navy. First prize for cabin yachts, thirty to thirty-seven feet long, won by the Colonel J. M. Davis. Second prize by the Bessie Garsides; distance, thirteen miles; time, 4h. 35m. Race for first-class fifteen-feet yachts won by the Lizzie Ardis; second prize won by the Eggleton; third prize won by the Kate Aiken; distance, eleven miles; time, 3h. First prize for second-class fifteen-feet yachts won by the Brewer; time, 3h.

— The Keystone Battery (National Guard) dedicated a monument at Mount Moriah Cemetery, and the Second regiment (National Guard) laid the corner-stone of a monument to be erected at the same place.

June 25. The Republican voters of the city nominated candidates for office under the "Crawford-county System." Over 39,000 votes were cast for city and county offices.

June 26. Nominations of candidates for city and county offices made by the Democrats.

June 29. Mrs. Rosa McBride was killed at No. 2309 Simes street. Andrew Quinn found guilty of manslaughter, Oct. 25th.

July 1. The Presbyterian Hospital, corner Thirty-ninth and Filbert streets, was formally opened.

— Corner-stone laid of St. Mary's Protestant Episcopal Church, Locust street, above Thirty-ninth, West Philadelphia.

July 3. David Rose Byron, a police officer, was shot and beaten at Mulberry and Meadow streets, Frankford; died September 10th. The Coroner's jury rendered a verdict that the guilty party was Jonas Gibson, a colored man.

July 4. Meeting of the State Society of the Cincinnati; report that the Washington Monument fund amounted to \$87,000; resolution adopted that the monument shall be built when \$150,000 are realized.

— Dinner to the newsboys of Philadelphia given by George W. Childs at the *Public Ledger* building; two hundred and fifty were present. In the evening the newsboys, their parents, brothers and sisters, at the invitation of Mr. Childs, were entertained by the performances of Signor Blitz at the Assembly Buildings.

July 6. The *Ledger* contained nearly five columns of death-notices, announcing 227 deaths.

— The Board of Health reported the number of deaths in Philadelphia during the week to be 746, being the largest mortality ever known in the city up to that time. Of the deaths, 512 were children under five years of age.

July 11. Mrs. Frederica Loew died from blows on the head at 1237 North Sixteenth street. Her husband, Philip Loew, was found guilty Oct. 29th of murder in the second degree, and sentenced to ten years' imprisonment.

July 11. City Councils adjourned until Thursday, September 19th.

July 14. Corner-stone laid of Emanuel Church (German Evangelical Reformed) at Baring and Thirty-eighth streets, West Philadelphia.

July 27. First free excursion for poor children given at Rockland, Fairmount Park; eight hundred children participated. Between that time and August 31st fourteen other excursions were given—thirteen to Rockland and one to Penns-grove, New Jersey, by the steamboat Peerless. The number of participants in these excursions was twenty thousand nine hundred and two, of whom fully three-fourths were young children, including three thousand four hundred and sixty-five infants. The other fourth was mainly composed of the mothers and others care-takers of the children. The contributions for this object amounted to \$12,483.60; expenditures, \$9670.01; balance held in trust for free excursions in 1873, \$2813.59.

August 1. Spotted Tail, with eighteen other Indians and their wives, of the Upper Brule Sioux tribe, arrived in this city, and the next day went upon the excursion to Cape May.

August 5. Regatta of the Delaware Yacht Club for four prizes; eighteen boats participated. The prizes were won by the Haff, Brewer, Kirk and Wise.

August 6. The Board of Aldermen commenced to make nominations for election canvassers.

August 9. The Post-office Commission decided that the new post-office should be placed on the lot north-west corner of Ninth and Chestnut streets, containing 176 feet 9 inches on Chestnut street and 378 feet 9 inches on Ninth street.

August 11. John S. McGuffin was assaulted at Pearl and Eleventh streets by a blow on the head by some person unknown, and subsequently died.

August 12. The Philadelphia Rifle Club commenced the celebration of its twenty-sixth anniversary at the Schuetzen Park. The festival lasted four days.

— The first stone of the foundation-walls of

the new Public Buildings at Broad and Market streets was laid at the south-west corner of the South-west Square.

August 13. Parade and excursion of the Brewers' Association, and pic-nic at Schuylkill Falls Park.

August 15. The iron steamship *Pennsylvania*, the first vessel of the Atlantic Steamship Company of Philadelphia, was launched at Cramp's ship-yards, Beach and Norris streets. The ship is 355 feet over all in length, has a beam of 45 feet, a depth of 43 feet and a capacity of 3016 tons.

August 16. Officer Lewis Larc, of the Fifth district, was shot at the corner of Broad and Chestnut streets by Elisha Warne. He died August 21st.

August 17. The Board of Health adopted a resolution requiring vessels coming from the yellow fever ports to pass a rigid quarantine at the Lazaretto.

August 19. Prize artillery practice match on the beach at Cape May, New Jersey, between the Keystone Battery of Philadelphia and Battery B of Camden; won by the former.

August 21. The nineteenth annual convention of the Pennsylvania State Teachers' Association assembled at the Academy of Music. Professor J. P. Wickersham was elected president.

August 22. The national convention of Labor Reformers of the United States, representing two hundred societies, met at the Washington House, and nominated Charles O'Connor of New York for President and Eli Saulsbury of Delaware for Vice President.

—The Protestant Episcopal Church of the Holy Innocents at Tacony was consecrated.

August 23. Corner-stone of Episcopal Chapel of St. Barnabas, at Sixty-fifth and Hamilton streets, laid with appropriate ceremonies.

—Watchers for all the election divisions in the city appointed by Judge McKenna, of the United States Circuit Court, under the Enforcement Act of Congress.

August 25. James Dougherty, one of the Brooks assassins, was stabbed and killed in Godey street, above Eighth. James Kane was found guilty of manslaughter Nov. 1st.

August 26. Reuben Deal, his two grandchildren, George Muloch and Ella Freiburger, with Mary Snyder, a companion, and Peter Ostler, a coachman, were killed at Tacony by a collision between a railroad train and a carriage in which they were endeavoring to cross the track.

August 27. Bridge upon the Connecting Railroad where it crosses the Philadelphia and Reading Railroad to Port Richmond was broken down whilst a train was passing over it, wrecking a portion of the cars and blocking up the Reading Railroad. At the same time a Reading coal train of one hundred cars, which was approaching when the bridge broke down, ran into the wreck with a great crash, piling up the coal-cars thirty feet high. No person was hurt.

August 28. Frank A. Myers was killed at Twelfth and Poplar streets from blows and a fall. Henry Schaeffer was found guilty of manslaughter, and sentenced to four years' imprisonment.

September 3. The Newton school-house, Thirty-eighth and Spruce streets, Twenty-seventh section, West Philadelphia, was formally dedicated to purposes of education.

September 9. Corner-stone laid of Lehigh Av-

enue Methodist Episcopal Church, north-east corner Hancock street and Lehigh avenue.

September 12. Owen Quirk was killed at No. 2044 Reeves street by a blow from a hatchet. The Coroner's jury found that the violence had been received at the hands of his brother, Lawrence Quirk, who was committed to answer.

September 13. Corner-stone laid of Gethsemane Baptist Church, north-west corner Eighteenth street and Columbia avenue.

—Hugh Graham was killed at Fifty-ninth and Vine streets. The Coroner's jury declared in their verdict that the cause of his death was a blow on the head with a shovel, received at the hands of Matthew McCully.

September 16. Judges, inspectors and return inspectors appointed by the Board of Aldermen for the wards and divisions of the city.

September 17. The Torrent Fire Company No. 2 of Lowell, Massachusetts, on a visit to Philadelphia, were received by a deputation of members of the old Volunteer Fire Department.

September 21. International cricket match commenced on the grounds of the Germantown Club between the English gentlemen 12 and 22 Philadelphia picked cricketers. It was closed September 24th, with the following score: Philadelphia 22—First inning, 63; second inning, 74. English 12—First inning, 105; second inning 34, with four wickets to go down.

September 23. Corner-stone of the Roman Catholic Church of St. Elizabeth laid at the south-east corner of Twenty-third and Berks streets.

—Roman Catholic Church of St. Veronica, new Cathedral Cemetery, Second street and Nicetown lane, dedicated.

September 24. Corner-stone of Grace Mission Presbyterian Church laid at south-east corner of Twenty-second and Federal streets.

September 28. Fall regatta of the Schuylkill Navy. Prize for single sculls won by Max Schmitt; three miles in 22m. 30s. Prize for six-oared gunwale barges won by the Ione of the Crescent Club; time, 21m. 34s. Prize for junior single sculls won by Frank Street of the Pennsylvania Club; time, 23m. 33s. Prize for four-oared gigs won by Pennsylvania Club; time, 20m. 20s. Prize for double-scutt gigs won by the Ariel of the University Club; time, 24m.

—Court of Common Pleas entered a decree of ouster against A. Omensetter and A. Wilson Henszey, members of Common Council from the Tenth ward, upon the ground that they had been elected illegally—upon a basis of representation not allowed by law.

September 29. Corner-stone laid of German Lutheran Church of St. Peter, corner of Forty-second and Myrtle streets.

September 30. Medicine Bear, Long Fox, Red Thunder and thirty-one others of the Teton and Grand River Sioux Indians, arrived in the city in charge of the Indian agents.

October 3. Corner-stone laid of York street German M. E. Church, corner of Frankford road and York street.

October 5. The managers of the German Hospital took formal possession of their new hospital buildings and grounds, corner of Girard avenue and Corinthian avenue, and made preparations to remove the hospital from the old location at Twentieth and Norris streets.

October 7. New depot of the Reading Rail-

road Company, at Chelton avenue, Germantown, opened for permanent use.

October 8. General election held. Upon the principal tickets the following were the results :

For Governor—

General John F. Hartranft, Rep..... 69,278
Charles R. Buckalew, Dem 48,841

Hartranft's majority..... 20,437

For Judge of Supreme Court—

Ulysses Mercur, Rep..... 68,112
James Thompson, Dem..... 49,286

Mercur's majority..... 18,826

For Auditor-General—

General Harrison Allen, Rep..... 68,908
William H. Hartley, Dem..... 48,999

Allen's majority..... 19,999

For Constitutional Delegates at Large—

William M. Meredith, Rep..... 69,212
George W. Woodward, Dem..... 47,227

Meredith over Woodward..... 21,985

For Judge of District Court—

Amos Briggs, Rep..... 67,048
Wm. Heyward Drayton, Dem. and Ref. 51,144

Briggs' majority..... 15,904

Local Option.

Wards. For License. Against. Maj. for.

13th..... 400

14th..... 1885 1503 382

15th..... 3153 2622 531

20th..... 2895 2150 745

21st..... 1365 780 585

29th..... 1902 1429 473

October 8. Mary Ann Jones was killed in Herst st. near South by a shot fired from a gun in the hands of James Lambert; the latter was, November 29, acquitted on ground of accident.

October 9. Corner-stone laid of the Jewish Hospital, Olney road near the York pike.

— Daniel McGonigle, a police officer, was killed at Second and Brown. John H. O'Brien, charged with the deed, was, November 26, acquitted on ground of self-defence.

October 11. The new building of the University of Pennsylvania at Thirty-fourth and Locust, West Philadelphia, was dedicated.

— John R. Smith was killed at Front and Pine by blows, producing fracture of the skull, received at the hands of parties unknown.

October 13. Dedication of the new church building of the Second Presbyterian Congregation at S. E. cor. Twenty-first and Walnut.

October 14. Eliza Neely was killed at 1420 Fitzwater st. The Coroner's jury gave a verdict that the violence was inflicted by her husband, James Neely.

October 15. Corner-stone laid of Presbyterian Home for widows and single women at Fifty-eighth st. and Greenway avenue.

October 21. Meeting at Commercial Exchange, and resolutions that it is expedient to petition Secretary Boutwell to relieve the money market by replacing \$44,000,000 of the interest-bearing debt with like amount of legal tenders, retired by Secretary McCulloch.

—Meeting of Board of Trade. Resolution passed against the policy of the reissue of legal tenders.

October 26. Big Mouth, Milky Way and forty-five other Indians of the Comanche, Kiowa, Arapaho, Apache, Washita, Caddo, Delaware, Kihl and Tawa Earac tribes arrived from Washington and were taken to the Girard House.

October 28. The epizooty, or horse disease, first made its appearance in Philadelphia. It continued its ravages for about a month; during that time almost every horse in the city was affected—some were but slightly sick, others very severely. Two of the passenger railway companies during this period suspended the running of cars for six days; others suspended on Sundays, and ran but few cars on week-days. The transportation of goods and other articles almost ceased for some days, and wagons and carts were drawn through the streets by men.

— Twenty public night-schools for adults were opened in various parts of the city.

October 30. Corner-stone laid of the building of the Academy of Natural Sciences, S. W. cor. Nineteenth and Race.

— The Ohio, the second iron steamship of the American Steamship Company, was launched at ship-yard of Cramp & Sons.

November 1. James Kane, charged with the murder of James Dougherty in Godey st., August 25, was tried and convicted of manslaughter.

— Henry Schaeffer, charged with the murder of Francis A. Meyers, was convicted of manslaughter; sentenced to an imprisonment of four years in the Eastern Penitentiary.

November 5. Presidential election; vote in Philadelphia for Electors: Grant, Rep., 68,856; Greeley, Dem., 23,410.

November 9. William Spellissy was stabbed in Poplar st. above Front by Patrick Smith, a workman in his factory.

November 10. Chapel of Fitzwater Street M. E. Church dedicated.

November 11. Funeral of Major-General George G. Meade, with impressive public ceremonies.

November 12. Meeting at the Mayor's office, to take measures in reference to the great fire of November 9, in Boston; a committee appointed to obtain contributions for the relief of the sufferers.

November 16. James Kane, for manslaughter of James Dougherty, was sentenced to seven years and eleven months' imprisonment.

— Andrew Quinn, for manslaughter of Rose McBride, was sentenced to seven years and eleven months' imprisonment.

November 17. Twentieth Street M. E. Church, cor. Twentieth and Jefferson, dedicated.

November 18. Meeting of committee of three hundred citizens appointed to obtain subscriptions to the stock of the corporation which is to manage the great Centennial exposition of industry of 1876; \$100,000 was subscribed on the spot.

— Memorial meeting in honor of the late Major-General Meade held at the Academy of Music. Solemn services, oration, prayer and resolutions.

November 20. The Tercentenary of Presbyterianism was celebrated at the Penn Square Church, Broad above Chestnut, by addresses and religious exercises.

November 27. City Councils fix the tax rate at \$2.05, with ten cents public building tax.

November 28. Race on the Schuylkill between eight-oared English-built shells. Won by boat Longfellow, of Crescent Club, over Leviathan, of Undine Club. Course, 2½ miles; time, 11.15 min.

November 30. Elisha Warne, who shot policeman Lare on Aug. 16, was convicted of murder in the second degree, and sentenced to six years and six months' imprisonment.

CHURCHES AND RELIGIOUS SERVICES IN PHILADELPHIA.

The location and time of service of the various churches in Philadelphia, with the names and residences of the pastors in charge.

When not otherwise stated, the hours of service are—10½, morning; 3½, afternoon; and 7½, evening, from October to May, and 8 o'clock, evening, for the rest of the year. All the churches have *morning* service, while some have *afternoon*, and others *evening*, services in addition: a few have *morning, afternoon* and *evening* services.

The Public Ledger, on Saturday of each week, generally contains a summary of Religious News, embracing important facts relating to all denominations.

On Saturdays the Ledger contains advertisements of the principal Religious Services of the following Sunday.

It is estimated that nearly half a million persons read the Ledger every day.

BAPTIST.

CORRESPONDING AND DISTRICT SECRETARIES.

Rev. S. Dyer, Bible and Publication Society.
Rev. Thomas Swaim, D. D., American Baptist Home Mission Society.
Rev. J. V. Ambler, American Baptist Missionary Union.
Rev. G. M. Spratt, Pennsylvania Baptist Education Society.
Rev. L. G. Beck, Pennsylvania Baptist General Association.
Rev. E. D. Fendall, Sales Department, Bible and Publication Society.
Rev. Benjamin Griffith, D. D., Secretary Bible and Publication Society.
Address of above, 530 Arch st.

Angora, Baltimore av. nr. Gray's Lane, West Philadelphia.

Berean, Chestnut ab. Fortieth: Rev. Edgar M. Levy, D. D., next door to the church.

Beth-Eden, N. W. cor. Broad and Spruce: Rev. J. Wheaton Smith, D. D., 417 S. Ninth.

Bethesda, Tioga and Second: Rev. William Barrows, 10½ A. M., 7¾ P. M.

Blockley, Fifty-third ab. Haverford av.: Rev. W. S. Goodno, near the church.

Boardman Chapel, cor. Broad and Reed: Rev. P. L. Jones, 1325 Ellsworth. 10½ A. M., 7½ P. M.; Sunday-school at 2½ P. M.

Broad Street, Broad and Brown: Rev. E. L. Magoon, D. D., 1526 Coates.

Calvary, Fifth bel. Carpenter: Rev. Wm. Codville, 1005 S. Fifth.

Chestnut Hill: Rev. I. D. King, Highland av.

Enon, Twentieth and Oxford: Rev. D. T. Phillips, 2007 Turner.

Eleventh, Twelfth ab. Race: vacant.

Falls of Schuylkill, Queen ab. Ridge av.: vacant.

First, Broad and Arch: Rev. G. D. Boardman, D. D., 1711 Summer.

First West Philadelphia, cor. Chestnut and Thirty-sixth: Rev. J. H. Castle, D. D., 3737 Locust.

First African, Cherry bel. Eleventh: Rev. T. D. Miller, 1636 Barker.

Fourth, cor. Fifth and Buttonwood: Rev. John Peddie, 505 Brown.

Fifth, cor. Eighteenth and Spring Garden: Rev. B. D. Thomas, 712 N. Nineteenth.

Frankford, cor. Paul and Unity: Rev. T. P. Coulston, Frankford.

German, Sixth ab. Poplar: Rev. J. S. Gubelmann, 1240 Mervine.

German Mission Chapel, Second ab. Norris: Rev. G. D. Blesene, 224 Mascher.

Germantown First, Price: Rev. M. C. Thwing, Pastorius.

Germantown Second, cor. Main and Upsal: Rev. James Lisk, adjoining the church.

Germantown Third: vacant.

Gethsemane, cor. Eighteenth and Columbia av.: Rev. L. P. Hornberger, 1611 Oxford.

Grace Tent, Berks ab. Eleventh: Rev. L. B. Hartman, 530 Diamond.

Holmesburg, Main: Rev. R. B. Cook, Holme av.

Hebron Berean Chapel, Otis ab. Girard av.: Rev. C. Wilson Smith.

Lower Dublin: Rev. William E. Cornwell, Bustleton.

Manatawna, Ridge av.: Rev. W. S. Crowley, Ridge av. bel. Crease.

Manayunk: Rev. J. H. Parks, Green Lane.

Mantua, Haverford ab. Thirty-eighth: Rev. J. G. Walker.

Mariners', Front bel. Christian: Rev. Joseph Perry, 946 S. Front.

Memorial, cor. Broad and Master: Rev. P. S. Henson, D. D., 1330 Jefferson.

Milestown, Oak Lane: Rev. Josiah Philips, Branchtown.

Mount Zion, Frankford rd. cor. Aramingo: Rev. G. L. C. Hanna, 567 Aramingo.

Nicetown, Germantown av. ab. Broad: Rev. W. E. Watkinson, above the church.

North, Eighth ab. Master: Rev. C. R. Hendrickson, D. D., 1317 Marshall.

Oak Street (colored), Forty-first and Oak: Rev. Robert A. Pinn, 234 Brogan.

Olivet, cor. Sixth and Federal: Rev. John B. Hutchinson, 536 Federal.

Passyunk, cor. Broad and Passyunk rd.: Rev. Charles Clay, 1300 S. Seventeenth.

Roxborough, Ridge av.: Rev. David Spencer, next to the church.

Second, New Market ab. Poplar: Rev. Wm. Cathcart, 117 Green.

Shiloh (colored), South ab. Tenth: Rev. John P. Wills, 1023 Rodman.

Spring Garden, Thirteenth ab. Wallace: Rev. Wm. M. Lawrence.

Spruce Street, Spruce bel. Fifth: Rev. J. W. Custis, 4 to Spruce.

Tabernacle, Chestnut ab. Eighteenth: Rev. G. E. Reese.

Tenth, Eighth ab. Green: Rev. A. J. Rowland, 660 N. Twelfth.

Third, Second ab. Catharine: Rev. J. H. Peters, 431 Christian.

Twelfth, Richmond near Shackamaxon: Rev. Thomas B. Bott, 321 Richmond.

Union (colored), Minster ab. Sixth: Rev. James Underdue.

CAMDEN.

Broadway, Broadway bel. Spruce: Rev. E. Everett Jones, 199 S. Fifth.

Fourth Street, Fourth bel. Market : Rev. J. C. Wynn, 305 N. Third.

North, Second and Pearl : Rev. J. E. Chambliss.

Second, cor. Fourth and Mount Vernon : Rev. W. W. Dalbey, 416 Kaighn's Point av.

Third, Broadway : Rev. E. V. Glover.

Trinity : Rev. A. H. Long.

Zion (colored), cor. Kaighn's av. and West Jersey Railroad.

BIBLE CHRISTIAN.

First, Third ab. Girard av. : Rev. Wm. Taylor, 1243 Shackamaxon. 10½ A.M. No evening service.

CHRISTIAN.

Mount Zion, Christian bel. Sixth : Rev. C. S. Perkins, 609 Moss.

CHURCH OF GOD.

First Union Bethel, cor. Germantown av. and Berks : Rev. B. F. Beck, 1845 N. Sixth. 10½ A.M., 7¼ P.M.

CONFESSION OF THE TEMPLE.

N.E. cor. Ninth and Spring Garden : President, J. H. Seitz, 918 Wood. 3 P.M.

CONGREGATIONAL.

Central, Eighteenth and Green : Rev. Edward Hawes, 1905 Mount Vernon.

Plymouth, S.W. cor. Nineteenth and Master : Rev. W. E. C. Wright, 1410 N. Nineteenth. Sunday-school 2½ P.M.

DISCIPLES OF CHRIST.

Church of Christ, Twelfth ab. Wallace : Rev. Wm. L. Hayden, 912 N. Eleventh.

Second, Otis ab. Girard av. : Rev. Elijah Goodwin, 325 Otis.

DAILY UNION PRAYER-MEETINGS

are held at the Y. M. C. A. Hall, 1220 Chestnut st., from 12 to 1 o'clock.

SUBJECTS FOR PRAYER.

On Monday, the Bible Cause and Foreign Missions.

" Tuesday, the Tract and Mission Cause.

" Wednesday, the Seamen and Jews.

" Thursday, the Temperance Cause and Prisoners.

" Friday, the Freedmen, Indians and Colonization.

" Saturdays, the Ministers, Superintendents and Teachers, Churches, Infant and Sabbath-schools and Bible Classes.

Prayers and exhortations not to exceed five minutes. All cordially invited to attend and bring their friends.

EVANGELICAL ASSOCIATION.

Christ Church, Eighth ab. Girard av. : Rev. S. G. Rhoads, 812 N. Eighth.

Emanuel, Fourth bel. Poplar : Rev. J. Steltzer, 856 Charlotte. 10½ A.M., 7 P.M.

Southwark, Fifth ab. Washington av. : Rev. Isaac Hess, 1029 S. Fifth. 10¼ A.M., 7¼ P.M.

St. Paul's, Richmond, Westmoreland and Edgemont : Rev. Isaac Hess, 1029 S. Fifth. 2 P.M.

Zion, Bridesburg : Rev. Isaac Hess, 1029 S. Fifth. 7 P.M.

Zion, 43 Rittenhouse : Rev. J. K. Knew. 10½ A.M., preaching in German ; 7½ P.M., in English.

FRENCH PROTESTANT EVANGELICAL.

Church of Christ, 709 Spruce : Rev. H. Mauny, 709 Spruce.

FRIENDS (ORTHODOX).

Frankford Meeting, S.E. cor. Orthodox and Penn, First and Fifth days, 10 A.M.

Meeting-house, Coulter W. of Germantown av. : Yardley Warner, 4666 Knox ; Wm. Kite, 4760 Germantown av. ; Samuel Morris, Olney, Pa. ; Samuel Emlen, Coulter ; Elizabeth Allen, 4666 Knox. 10 A.M., First and Fifth days. There is a select school of 60 pupils, and a library of 3000 volumes and reading-room open to the public three evenings in the week.

First and Fifth days, 10 A.M.

Friends' Meeting, Olive ab. Eleventh.

North Meeting, Sixth and Noble : Samuel Balderston, 902 Spring Garden.

First and Third days, 10 A.M.

Southern Meeting, Seventh and Orange : First and Fourth days, 10 A.M.

Western Meeting, Twelfth ab. Chestnut. First and Fourth days, 10½ A.M. First day, evening, 7½.

Philadelphia Meeting, Arch bel. Fourth.

FRIENDS (HICKSITE).

Byberry Meeting-house, Byberry, Twenty-third Ward : Benjamin Tomlinson, Tomlinson road ; Watson Tomlinson, Byberry turnpike. 10 A.M.

Green Street, S.E. cor. Fourth and Green. Though the Society of Friends has a testimony against a paid ministry, several Friends feel called to that service in this meeting.

Girard Avenue Meeting, N.W. cor. Seventeenth and Girard av. : Ann Townsend and others. 10½ A.M. First-day school in the morning at 9.

Friends' Meeting, Frankford, E. Unity. 10½ A.M., First and Fourth days. The form of service is silent spiritual worship.

Race Street Meeting, Race ab. Fifteenth. 10½ A.M., First and Fourth days, Race ; 10½ A.M., First days, West Philadelphia and Girard av. : 7½ P.M., only, at Race st. on First days.

There are six schools for both sexes, of 720 scholars, at Race St. Meeting-house, with one at West Philadelphia ; also one at Girard av., in conjunction with the Friends of Green St. Monthly Meeting, of 92 scholars.

West Philadelphia, Thirty-fifth and Lancaster av. : Lucretia Mott, Roadside, Cheltenham ; George Truman, 142 N. Seventh ; Louisa A. Evans, 305 N. Ninth ; Sarah J. Sharpless, 1513 Arch ; Rachel C. Rodgers, 13 S. Sixteenth ; Rachel W. Townsend, N.W. cor. Eighteenth and Arch ; William Dorsey, 5207 Main, Germantown ;

Harriet E. Stockely, 1013 Cherry; Annie Clothier, 1630 Filbert.

Society of Friends, School Lane near Germantown av.: William Dorsey, 5207 Germantown av. Meetings 10½ A.M., First and Fourth days.

HEBREWS.

Adath Israel, Eighth ab. Noble: Rev. Dr. Colman, 352 Randolph. There is a Hebrew school attached to this synagogue.

Adath Jeshurun, New Market ab. Noble: Rev. Isaac Stemple, 105 Green. Hebrew school attached.

Beth-el-Emeth, Franklin ab. Green: Rev. Geo. Jacobs, 1320 Franklin.

B'nai Israel, Fifth and Catharine: Rev. Breidenbach, 733 S. Seventh.

Broad Street Synagogue (Rodef Sholem), Broad and Mount Vernon: Rev. Dr. M. Jastrow, Rabbi, 963 Franklin; Rev. J. Frankel, Reader. The evening services on Friday and Saturday are held in the old synagogue of the congregation at Julianna st. There is a Hebrew school attached to the synagogue.

House of Israel, Crown bet. Race and Vine: Rev. Dr. M. Elkin, 871 Marshall. Hebrew school attached.

Reform Congregation Keneseth-Israel, Sixth ab. Brown: Rev. Dr. Samuel Hirsh, 635 N. Seventh; Rev. Wm. Arnold, Reader. School attached.

Mikve Israel, Seventh ab. Arch: Rev. S. Morais, 546 N. Fifth.

Hebrew Education School, Seventh ab. Wood. The Hebrew teachers are Revs. L. Buttenwieser and H. Polano. The principal of the English department is W. Williams; assistants, Miss E. Davison, Miss Julia Eckstein, Miss Charity S. Cohen.

Maimonides College is open daily in the same building for the training of young men to the ministry. Provost, D. Jastrow; Rev. S. Morais, Rev. George Jacobs, Rev. L. Buttenwieser, Rev. H. Polano, teachers. Sunday-school is also in the same building. The Superintendent is Miss Ellen Phelps.

The *Jewish Index*, a weekly journal devoted to Jewish news and literature, is edited by S. Mendelson and D. Levi, 413 Chestnut st.

INDEPENDENT CHRISTIAN.

Ebenezer, Marlborough ab. Belgrade: Rev. John G. Wilson, 1409 Hanover.

LUTHERAN (GENERAL COUNCIL).

ENGLISH.

Christ, Chestnut Hill, cor. Main and Southampton av.: Rev. E. T. Horn, Graver's Lane, near R. R. station.

St. John's, Race bel. Sixth: Rev. Joseph A. Seiss, D.D., 1338 Spring Garden. Afternoon service every third Sunday in the month at 3½ P.M.

St. Luke's, Fourth ab. Girard av.: Rev. J. B. Reimensnyder, 1237 N. Sixth.

St. Mark's, Spring Garden ab. Thirteenth: Rev. J. A. Kunkelman, 1314 Spring Garden. Sunday-school at 2 P.M.

St. Michael's, Germantown: Rev. C. W. Schaeffer, D.D., 5467 Germantown ave.

St. Peter's, Christian ab. Tenth: Rev. G. D. Foust, 754 S. Twelfth.

St. Stephen's, Fortieth and Powelton av.: Rev. Benj. H. Hunt, 552 N. Fortieth.

Trinity, Rope Ferry bel. Passyunk rd.: Rev. S. A. K. Francis.

St. Paul's hall, Twenty-second and Oxford.

GERMAN.

Emanuel, cor. Fourth and Carpenter: Rev. H. Grahn, 1009 S. Fourth. 10¼ A.M., 7¼ P.M.

German Evangelical Lutheran, Roxborough: Rev. W. Hasskarl, 4336 Peekin. 10 A.M., 7 P.M.

Immanuel, cor. Tacawanna and Plum: Rev. Charles T. Gessling, near church.

St. Jacobus, cor. Third and Columbia av.: Rev. J. T. Vogelbach, 1514 N. Fourth.

St. Johannes, cor. Fifteenth and Ogden: Rev. Adolph Spaeth, 922 N. Fifteenth. Children's service, 3 P.M., last Sunday of the month. 10¼ A.M.

St. Michael's, cor. Cumberland and Trenton av.: Rev. Otto Meerwein, 575 E. Cumberland. 10¼ A.M., 7½ P.M.

St. Paul's, cor. St. John and Brown: Rev. F. Wischan. 10¼ A.M., 7½ P.M.

St. Peter's, Forty-second and Myrtle, West Philadelphia: Rev. C. F. Welden, 4009 Haverford Road, West Philadelphia.

St. Thomas's, cor. Herman and Morton, Germantown: Rev. A. T. Geissenhainer, 1838 Mt. Vernon.

Trinity Mission, Rising Sun, Philadelphia: Pastor, Rev. A. T. Geissenhainer.

Zion, Franklin bel. Vine: Rev. Wm. J. Mann, D.D., 228 Franklin. 10¼ A.M., 7½ P.M.

LUTHERAN (GENERAL SYNOD).

Grace, Thirty-eighth ab. Haverford: Rev. Samuel A. Holman, 528 N. Thirty-eighth.

Messiah, Sixteenth and Jefferson: Rev. F. W. Conrad, D.D., 123 N. Thirteenth; Rev. T. F. Stork, D.D.

Lutherbaum, Oxford ab. Twelfth: Rev. Noah M. Price, cor. Twelfth and Berks.

St. Matthew's, New bel. Fourth: Rev. E. W. Hutter, D.D., 614 Race. 10½ A.M., 8 P.M.

Trinity, Germantown, cor. Main and Queen: Rev. Luther E. Albert, D.D.

INDEPENDENT LUTHERAN.

St. Paul's, S.W. cor. Fourth and Canal: Rev. E. Riecke, 1144 N. Fourth.

METHODIST EPISCOPAL.

Bishop of the Methodist Episcopal Church, Rev. MATTHEW SIMPSON: office, No. 1018 Arch; house, 1807 Mt. Vernon.

PRESIDING ELDERS.

Rev. Wm. Cooper, D.D., 1805 N. Seventh.

Rev. Wm. H. Elliott, 156 Wistar (G.T.).

Rev. R. H. Pattison, D.D., 1017 Race.

Rev. Wm. C. Robinson, D.D., 1404 Christian.

AGENTS, SECRETARIES—TIMES OF MEETING.

Rev. A. J. Kynett, D.D., Corresponding Secretary of the Church Extension Society: office, 1018 Arch; house, 2209 Spring Garden.

Rev. S. W. Thomas, Agent of Methodist Episcopal Book-Room and Corresponding Secretary

of Philadelphia Conference Tract Society :
office, 1018 Arch ; 1528 S. Fifth.
Rev. George W. Lybrand, North City Mission-
ary, 1932 Mervine.
Rev. S. W. Powers, South City Missionary.
Rev. Adam Wallace, Editor "Methodist Home
Journal," 14 N. Seventh.

CHURCH SOCIETIES—TIMES OF MEETING.

Church Extension, first Wednesday in each
month, 7½ P.M.

Philadelphia Conference Tract Society, last Mon-
day in each month, 3 P.M.

Philadelphia Conference Missionary, quarterly
(on the fourth Tuesday), 7½ P.M.

Philadelphia Camp Meeting and Excursion Asso-
ciation : Rev. T. A. Fernley, Sec., 1018 Arch.
Local Preachers', first Wednesday in each month,
7½ P.M.

Ladies' Aid, first Wednesday in each month
3 P.M.

Arch Street, S.E. cor. Broad and Arch : Rev.
H. W. Warren, 1616 Summer.

Ashbury, Chestnut ab. Thirty-third : Rev. H.
E. Gilroy, 3449 Chestnut.

Bridesburg : Rev. W. J. Mills, Bridesburg.
Broad Street, Broad and Christian : Rev. Joseph
Mason, 1402 Christian.

Bustleton, on turnpike in Bustleton : Rev. G.
T. Hurlock, Bustleton.

Cambria Street, Cambria E. of Kensington av.
(City Mission).

Centenary, Haverford av. bel. Forty-first :
Rev. Wm. M. Ridgway, 4001 Haverford.

Central, Vine near Thirteenth : Rev. E. J. D.
Pepper, 1234 Spring Garden.

Cheltenham : Rev. D. L. Patterson, Chelten-
ham.

Christ, Thirty-eighth and Bridge, West Phila-
delphia : Rev. C. J. Little, 3411 Hamilton.

Cocksink, Germantown av. bel. Fifth : Rev.
C. F. Turner, 1725 N. Seventh.

Chestnut Hill, Main ab. Bethlehem pike : Rev.
O. L. Haddock.

Conshohocken : Rev. A. M. Wiggins, Consho-
hocken.

De Kalb Street, Norristown : Rev. T. W.
Simpers.

Ebenezer, Manayunk : Rev. S. W. Kurtz, 168
Gay.

Ebenezer, Christian bel. Fourth : Rev. P. J.
Cox, 408 Catharine.

Eleventh Street, Eleventh ab. Washington av. :
Rev. T. A. Fernley, 933 Federal.

Emory, Callowhill ab. Eighteenth : Rev. J. M.
Hinson, 1823 Callowhill.

Falls, James st., Falls Schuylkill : Rev. Maris
Graves, Queen st., near the depot.

Federal, Twenty-sixth and Federal : Rev. J. S.
Hughes, 2340 St. Alban's place.

Fifth Street, Fifth bel. Green : Rev. Wm. L.
Gray, 533 Chatham. Sunday-school 9½ A.M.,
2 P.M.

First German, Girard av. ab. Twelfth : Rev. J.
J. Messner, 1232 N. Tenth.

Fitzwater Street, Fitzwater ab. Nineteenth :
Rev. Joseph S. Cook, 2013 Fitzwater.

Fletcher, Lancaster av. and Fifty-second, Hes-
tonville : Rev. Aaron Rittenhouse, Fifty-fourth
and Hunter's lane. Sunday-school 2 P.M.

Fortieth Street, S.W. cor. Fortieth and Sansom :
Rev. S. B. Best, 4030 Ludlow.

Frankford, Paul ab. Green : Rev. John F.
Chaplain, D.D.

Franklinville, Fifth and Erie (City Mission).
Frankford Avenue : Rev. T. C. Pierson.

Front Street, Front and Laurel : Rev. J. F.
Meredith, 1013 N. Front.

Green Street, Green ab. Tenth : Rev. J. W.
Langley, 1003 Green.

Haddington, Sixty-eighth and Haverford av. :
Rev. James Y. Ashton, Sixty-eighth and Haver-
ford av.

Haines Street, Germantown : Rev. Thomas C.
Murphy, 41 Haines.

Hancock Street, Hancock ab. Girard av. : Rev.
C. H. McDermond, 1212 Hancock.

Hartville, Cambria E. of Kensington av. (City
Mission) : Rev. Geo. W. Lybrand, superintendent.

Hedding, Sixteenth bel. Coates : Rev. D. W.
Gordon, 842 N. Twentieth.

Holmesburg : Rev. Thos. Cundie.

John Wesley (colored), Sixth and Bainbridge :
Rev. Benjamin Gibb, Centreville, New Jersey.

Kensington, cor. Marlborough and Richmond :
Rev. J. F. Crouch, 247 Richmond.

Kensington German Mission, York ab. Frank-
ford av. : Rev. A. Flammann, 1755 Frankford av.

Lehigh Avenue, N.E. cor. Lehigh av. and Han-
cock (City Mission).

Jenkentown : Rev. J. A. Cooper.

Mariners' Bethel, N.E. cor. Penn and Bain-
bridge : Rev. Wm. Major, 127 Congress.

Milestown, York and Pike : Rev. A. Howard,
Branchtown.

Mount Carmel, Germantown av. ab. Broad :
Rev. Joseph Aspril, 3793 Germantown av. Sun-
day-school 2 P.M.

Mount Olivet, Venango bel. Richmond : Rev.
G. W. Lybrand.

Mount Zion, Manayunk : Rev. John Dyson,
155 Green lane, Manayunk.

Nazareth, Thirteenth bel. Vine : Rev. C. W.
Bickley, 252 N. Thirteenth.

North Ninth Street : Rev. J. H. Brittain.

Nineteenth Street, Nineteenth and Poplar :
Rev. Theo. Stevens, 2032 Poplar.

North Penn, Dauphin E. of Twenty-ninth :
Rev. S. M. Cooper, 312 Marshall.

Oak Street, Oak near Swede, Norristown : Rev.
N. B. Durrell. Sunday-school 2 P.M.

Olivet, Venango E. of Richmond (City Mis-
sion).

Paschalville, cor. Seventieth and Darby road :
Rev. J. Stringer, Paschal av. bel. Seventy-
second.

Pitman, Twenty-third and Lombard : G. W.
MacLaughlin, 2219 Lombard.

Port Richmond, Richmond ab. Ann : Rev.
Wm. Mullin, 1151 A.M.

Roxborough, Central : Rev. W. M. Gibbert,
Roxborough.

Ridge Avenue : Rev. G. S. Broadbent, next to
the church.

Salem, Lombard bel. Broad : Rev. George
Cummins, Lombard near Fifteenth.

Sanctuary, Fifth bel. Girard av. : Rev. S. T.
Kemble, 985 N. Fifth.

Scott, Eighth bel. Dickinson : Rev. Wm. B.
Wood, 528 Dickinson. Sunday-school 9 A.M.,
2 P.M.

Second Street, bel. Morris : Rev. John J.
Jones, 430 Dickinson. Sunday-school 9 A.M.,
2 P.M.

Siloam, Otis ab. Thompson: Rev. Wm. McCombs, 1016 Norris.

Somerton: Rev. Absalom Collom, Somerton, Twenty-third ward.

Spring Garden Street, Twentieth and Spring Garden: Rev. Charles H. Payne, D.D., 2023 Wallace.

St. George's, Fourth bel. Vine: Rev. Wm. Swindells, 324 New. Sunday-school 9½ A.M., 2 P.M.

St. James's, Olney: Rev. J. R. T. Gray.

St. John's, Third ab. Beaver: Rev. R. W. Humphries, 876 N. Sixth.

St. Paul's, Catharine ab. Sixth: Rev. Joseph Welch, 623 Catharine.

St. Stephen's, Main bel. Brighthurst, Germantown: Rev. James Cunningham, 4623 Germantown av.

Summerfield, Dauphin and Tulip: Rev. Wm. J. Paxton, 718 E. Dauphin.

Tabernacle, Eleventh ab. Jefferson: Rev. S. H. C. Smith, 1514 N. Twelfth.

Trinity, Eighth ab. Race: Rev. H. A. Cleveland, 209 N. Eighth.

Twelfth Street, N.W. cor. Twelfth and Ogden: Rev. J. Dickenson, 847 N. Eleventh.

Twentieth, N.E. cor. Jefferson: Rev. James E. Meredith, 1529 N. Twentieth.

Wharton Street, near Fourth: vacant.

Union, Fourth bel. Arch: Rev. John H. Alday, 228 N. Fifth.

Western, Twentieth bel. Walnut: Rev. Joseph Castle, D.D., 1153 S. Fifteenth.

Zoar (colored), Brown ab. Fourth: Rev. Hooper Jolley, 627 Andress. 10½ A.M., 3 P.M., 7¼ P.M.

CAMDEN.

Broadway: Rev. G. Hughes; Rev. E. N. Stokes, P.E., Camden.

Centenary: Rev. J. B. Dobbins; Rev. W. A. Wilmer, sup.

City Mission: Rev. J. T. Price.

Third Street: Rev. C. E. Hill.

Tabernacle: Rev. S. E. Post.

Union: Rev. G. C. Maddock.

METHODIST EPISCOPAL (AFRICAN).

Bethel, Sixth bel. Pine: Rev. H. J. Young, 535 Lombard.

Union, Coates bel. Fifth: Rev. Theodore Gould, 1443 Fawn.

There are also embraced in the Philadelphia Circuit the following churches, under the pastoral charge of Rev. James M. Williams:

Little Wesley.

Zion Mission, Seventh bel. Dickinson.

Mount Pisgah, Locust ab. Forty-second.

Germantown.

Frankford.

Sellers Street: Rev. L. C. Chambers.

African Methodist Episcopal Book Concern and Publishing-House, 631 Pine: Rev. W. H. Hunter, business manager.

The *Christian Recorder*, Rev. B. T. Tanner, is published at the above place.

METHODIST EPISCOPAL (ZION AFRICAN).

Wesley, Lombard bel. Sixth: Rev. Mr. Price.

METHODIST PROTESTANT.

Salem, S.E. cor. Frankford road and Montgomery av.: Rev. R. Semple Rowe.

MORAVIAN.

First, cor. Franklin and Wood: Rev. Joseph H. Kummer, 727 Wood. Fourth Sunday in each month at 3½ P.M. No evening service.

Second, S.E. cor. Franklin and Thompson: Rev. H. S. Hoffman, 246 N. Eleventh. Rev. W. J. Holland, *pro tem.*, S.W. cor. Franklin and Thompson.

Bethlehem Chapel, Hancock ab. Dauphin: Rev. Wm. H. Vogler, 2205 Hancock Street. 10½ A.M., 7¼ P.M. Sunday-school 2½ P.M.

Third, Harrowgate: Rev. John A. Nice, 2255 Hope.

NEW CHURCH (SWEDENBORGIAN).

First, cor. Broad and Brandywine: Rev. E. R. Keyes, 1313 Girard av. 10½ A.M., 8 P.M.

Second, Cherry near Twentieth.

Third, Paul and Unity: Rev. I. N. Gregory, 2206 Mt. Vernon. Sunday-school 2 P.M.

PRESBYTERIAN.

Presbyterian Board of Publication: President, Rev. Alexander Reed, D.D., 119 N. Thirteenth; Vice-Presidents, Hon. Joseph Allison, 421 ½ Walnut; Morris Patterson, 1511 Spruce; Rev. George Musgrave, D.D., 40 N. Eleventh; Corresponding Secretary, Rev. William E. Schenck, D.D., 4006 Baltimore av., West Philadelphia; Editorial Secretary, Rev. John W. Dulles, D.D., 4037 Chestnut; Business Superintendent, John A. Black; Recording Secretary, Rev. Willard M. Rice, D.D., 1416 Lombard; Treasurer, Winthrop Sargent, 1334 Chestnut.

Arch Street, Arch ab. Tenth: Rev. J. L. Withrow, D.D., 106 N. Nineteenth.

Alexander, cor. Green and Nineteenth: Rev. S. A. Mutchmore, D.D., 735 Corinthian av.

Bethany, Twenty-second and Bainbridge: Rev. J. R. Miller, 2319 St. Alban's Place. Sunday-school, 2½ P.M.

Bethesda, S.E. cor. Frankford rd. and Vienna: Rev. Wm. T. Eva, 8 Harrison.

Central, cor. Eighth and Cherry: Rev. Alex. Reed, D.D., 119 N. Thirteenth.

Clinton Street, cor. Tenth and Clinton: vacant.

Cohocksink, Franklin and Columbia av.: vacant.

Columbia Avenue, cor. Columbia av. and Twenty-first: Rev. Wm. H. Hodge, 2034 Columbia av.

Darby Borough, Darby road, near Paschalville: Rev. G. L. Raymond, 4201 Kingessing av.

Frankford, near Church: Rev. Thomas Murphy, D.D., 4415 Frankford av.

First Southwark, German bel. Third: Rev. Albert A. Keigwin, 523 Tasker.

First (Washington Square), cor. Seventh and Locust: Rev. Herrick Johnson, D.D., 906 Spruce.

First (Northern Liberties), Buttonwood bel.
Sixth: Rev. Thomas J. Sheppard, D.D., 507
Brown.

First Kensington, Girard av. bel. Hanover:
Rev. J. H. Beale, 1116 Palmer.

First African, Seventh bel. Bainbridge:
vacant. 10½ A.M., 3½ and 8 P.M.

First Bridesburg, near Richmond: Rev. Wm.
A. Jenks, 3345 Garden. 10 A.M., 7½ P.M. Free
pews.

First Chestnut Hill: Rev. R. Owen, parsonage
near the church.

First Darby, Chester pike and Darby: Rev.
Alex. Heberton, 4008 Pine.

First Falls of Schuylkill, Ridge av. bel. School
lane: Rev. Joseph Beggs, adjoining the church.

First Germantown, Main st., bet. Haines and
Centre: Rev. Frederick Dripps, 201 E. Chelton
av. 10½ A.M., 7¼ P.M.

First Hestonville, Lancaster av. and Fifty-
second.

First Holmesburg, Holmesburg av. and Deca-
tur: Rev. John Peacock, Holmesburg av. 10½
A.M., 4 P.M.

First Mantua, Thirty-fifth and Bridge: Rev.
Augustus Smith, 3413 Hamilton.

First Richmond, Richmond ab. William: Rev.
H. J. Owen, 1627 Richmond.

First German, Otter bel. Frankford road: Rev.
George Locker, 1057 N. Front.

Germantown, Market Square: Rev. E. P.
Cowan.

Fourth, Twelfth and Lombard: Rev. Willard
M. Rice, D.D., 1416 Lombard. First Sunday in
every month, evening service 7½ o'clock.

Fifteenth and Lombard Streets: Rev. D.
Malin, D.D., 1412 Lombard.

George Chandler Mission, N. E. cor. Cedar and
Aramingo: vacant.

Grace Mission, Twenty-second and Federal:
Rev. Andrew Culver, 2211 South.

Green Hill, Girard av. ab. Sixteenth: Rev.
George F. Wiswell, D.D., 1402 N. Fifteenth.

Hermion, Frankford av. and Harrison: Rev. J.
F. Sutton, W. Orthodox.

Kensington, Frankford av. ab. Girard: Rev.
Wm. O. Johnstone, D.D., 1216 N. Sixth.

Lancaster Avenue, ab. Forty-first: Rev. Fran-
cis Hendricks, N. E. cor. Eighteenth and Vine.

Logan Square, Twentieth and Vine: Rev.
Isaac A. Cornelison, pastor elect.

Market Square, Germantown: Rev. Edward
P. Cowan, 4793 Market Square.

Manayunk, Centre and Chestnut: Rev. John H.
McMonagle, head of Centre Square.

Mariners', S. W. cor. Front and Union: Rev.
A. V. Group.

North Church, Sixth ab. Green: Rev. B. L.
Agnew, 620 Marshall. Sunday-school 2 P.M.

North Broad Street, cor. Broad and Green:
Rev. Robert D. Harper, D.D., 701 N. Sixteenth.
Sunday-school 2½ P.M.

North Tenth Street, bel. Girard av.: Rev.
Matthew Newkirk, 1323 N. Broad. Sunday-
school 2½ P.M.

Ninth, cor. Sixteenth and Sansom: Rev. Wm.
Blackwood, D.D., 129 S. Eighteenth.

Olivet, Twenty-second and Mount Vernon:
Rev. L. Y. Graham, 2204 Wallace.

Oxford Street, Broad and Oxford: Rev. Frank
L. Robbins, 1518 N. Fifteenth.

Princeton, Powelton av. and Thirty-ninth:
Rev. J. Addison Henry, 3313 Bridge.

Roxborough: Rev. Samuel Phillips.

Second, Twenty-first and Walnut: Rev. Elias
R. Beadle, D.D., 1824 Delancy Place.

Scots, Spruce ab. Third: vacant.

South Street, South ab. Eleventh: Rev. G.
Mitchell, S. W. cor. Thirteenth and Pine.

South Third Street, near Wharton: Rev. R. M.
Patterson, adjoining the church.

Southwark, German near Third: vacant.

Sixth, Spruce bel. Sixth: vacant.

South-western, N. E. cor. Seventeenth and Fitz-
water: Rev. John McLeod, 2043 Chestnut.

Seventh, Broad ab. Chestnut: Rev. H. C.
McCook, 1710 Race.

Second, Germantown, Tulpehocken and Green:
Rev. Archibald McCullough, Green ab. Harvey.
10½ A.M., 7¼ P.M.

Spring Garden, Eleventh bel. Green: Rev.
David A. Cunningham, 658 N. Eleventh.

Tabor, Eighteenth and Christian: Rev. Robert
Adair, 1737 Filbert.

Temple, N. E. cor. Franklin and Thompson:
Rev. J. Y. Mitchell, 1003 N. Fifth.

Tenth, cor. Twelfth and Walnut: Rev. H. A.
Boardman, D.D., 1311 Spruce; Rev. Lewis R.
Fox, 1505 Locust.

Third (or old Pine Street), cor. Fourth and
Pine: Rev. R. H. Allen, D.D., 409 S. Eighth.

Tioga Street, Tioga and Sixteenth: Rev. A.
V. Schenck, 1531 Tioga.

Trinity, Frankford road and Cambria: Rev.
Robert A. Brown, 2637 Frankford road.

Union, Thirteenth bel. Spruce: Rev. J. B.
McCorkell, 115 Freedlander.

Walnut Street, Walnut W. of Thirty-ninth:
Rev. Stephen W. Dana, 3915 Woodland.

Welsh, S. W. cor. Twelfth and Filbert: Rev. J.
W. Pugh.

West Arch Street, S. E. cor. Eighteenth and
Arch: Rev. A. A. Willits, D.D., 1700 Vine.

Westminster, Broad and Fitzwater: Rev. W.
H. Hillman, 728 S. Broad.

West Spruce Street, cor. Spruce and Seven-
teenth: Rev. Wm. P. Breed, D.D., 258 S. Six-
teenth.

Wharton Street, cor. Ninth: Rev. J. H. Sharp,
827 Wharton.

Woodland, S. E. cor. Forty-second and Pine:
Rev. James M. Crowell, D.D., cor. Kingessing
av. and Forty-first.

CAMDEN.

First: Rev. Villeroy, D.D.

Second: Rev. Lewis C. Baker.

PRESBYTERIAN (INDEPENDENT).

First, cor. Broad and Sansom: Rev. John
Chambers, 1138 Girard.

PRESBYTERIAN, REFORMED (GENERAL SYNOD).

First, Broad bel. Spruce: Rev. T. W. J. Wylie,
D.D. 8 P.M., last Sunday in the month.

Second, Twenty-second near Callowhill: Rev.
William Sterrett, D.D., 2231 Vine.

Third, Oxford and Hancock: Rev. Matthew
Gailey, 1523 Franklin.

Fourth, Eighteenth and Filbert: Rev. David
Steele, 1822 Filbert. 10½ A.M., 4 P.M.

Fifth, York bet. Front and Frankford rd.: Rev. A. G. McAuley, D.D., 2623 Frankford av.

PRESBYTERIAN, REFORMED (SYNOD).

First, Seventeenth and Filbert: Rev. T. P. Stevenson, 38 N. Sixteenth.

Second, Seventeenth ab. Race: Rev. Samuel O. Wylie, 636 N. Seventeenth.

Third, 1016 Deal, Kensington: Rev. Robert J. Sharpe, Bristol pike ab. six-mile stone.

PRESBYTERIAN (UNITED).

First, S.W. cor. Broad and Lombard: Rev. Francis Church, 3335 Woodland.

Second, Race bet. Sixteenth: Rev. J. B. Dales, D.D., 1628 Filbert. No pew rents; voluntary contributions. 10½ A.M., 4 P.M.

Third, Front ab. Jefferson: Rev. James C. Wilson, 1636 Franklin.

Fourth, N.E. cor. Nineteenth and Fitzwater: Rev. Wm. C. Jackson, 1522 Catharine.

Fifth, Buttonwood and Twentieth: Rev. A. Calhoun, 2019 Parrish.

Sixth, Race near Twenty-first: Rev. C. J. Campbell.

Seventh, cor. Orthodox and Franklin, Frankford: Rev. James Price, 4439 Paul.

Eighth, Bainbridge bel. Twelfth: Rev. W. W. Barr, 705 S. Sixteenth.

Norris Square, Susquehanna av. and Hancock: Rev. James Crowe, 2245 N. Second.

Tenth, Thirty-eighth and Hamilton: Rev. S. S. White, 36 N. Thirty-eighth. 10½ A.M., 7¾ P.M.

North, Master ab. Fifteenth: Rev. J. R. Kerr. Seats free.

PROTESTANT EPISCOPAL.

Bishop of the Diocese of Pennsylvania: WILLIAM BACON STEVENS, D.D., Episcopal Rooms, 708 Walnut.

All Saints', Twelfth and Fitzwater: Rev. Herman L. Duhring, 1022 Race.

Ascension, Lombard ab. Eleventh: Rev. Henry M. Stuart, 919 Pine.

All Saints' (Lower Dublin), Bristol turnpike, near Torresdale: Rev. F. W. Beasley, D.D., Eddington, Bucks county. 10½ A.M.

Bishop's, Spring Garden bel. Broad: Rev. E. Owen Simpson, 1319 Green. Sunday-school 2½ P.M.

Calvary Monumental, Front and Margaretta: Rev. G. W. Hodge, assistant in charge, 717 Locust.

Calvary, Manheim and Pulaski av., German-town: Rev. James de Wolf Perry, Jr.

Christ, Second ab. Market: Rev. Edward A. Foggo, D.D., 268 S. Ninth.

Christ, cor. Tulpehocken and Adams: Rev. Theodore S. Rumney, D.D., 36 Tulpehocken.

Chapel of the Burd Asylum, Market ab. Sixty-third: Rev. G. J. Burton, Burd Asylum. 10½ A.M., 7 P.M.

Chapel Christ Church Hospital, Forty-eighth and Dauphin.

Chapel Episcopal Hospital, Front and Huntingdon: Rev. H. S. Spackman, D.D. 10½ A.M.

Church of the Messiah, Thirteenth and Washington av.: Rev. Geo. Bringhurst, 758 S. Ninth.

Church of the Messiah, Port Richmond.

Church of Our Saviour, S.E. cor Tenth and Walnut: Rev. Charles W. Quick, 723 S. Ninth.

City Mission, 225 S. Ninth: Rev. Samuel Durborow, general superintendent; office and rooms, 225 S. Ninth.

Clay Mission, Pearl ab. Twelfth: Rev. Isaac L. Trowbridge, 117 S. Thirty-fourth. 8 P.M.

Church of the Crucifixion, Eighth ab. Bainbridge: Rev. William H. Josephus, 921 Bainbridge.

Church of San Sauveur, cor. Eighteenth and Chestnut: Rev. C. F. B. Miel, 26 S. Eighteenth.

Emanuel, Holmesburg: Rev. D. Caldwell Millett, D.D., Holmesburg.

Emanuel, Marlborough ab. Girard av.: Rev. Wm. H. Munroe, 1750 Frankford road.

Epiphany, cor. Fifteenth and Chestnut: Rev. Richard Newton, D.D., 929 Clinton.

Epiphany Mission Chapel, Twenty-third and Cherry.

Franklinville Mission, Sixth and Erie av.

German Mission, N., 225 S. Ninth: under the charge of the City Mission.

Gloria Dei, Swanson bel. Christian: Rev. Snyder B. Simes, 916 Swanson.

Grace, Twelfth and Cherry: Rev. William Sudards, D.D., 116 N. Twelfth; assistant, Rev. P. P. Reese.

Grace, Germantown, Mount Airy av.: Rev. Robert A. Edwards. 10½ A.M., 4 P.M.

Holy Apostles, Twenty-first and Christian: Rev. C. D. Cooper, 2026 Spruce. 10½ A.M.

House of Prayer, Branchtown: Rev. A. T. McMurphy, Branchtown.

Nativity, Eleventh and Mount Vernon: Rev. Wm. Newton, 802 N. Tenth.

Oak Grove Chapel, Bristol road: Rev. Dr. Beasley.

Redeemer, Seamen's Mission, Swanson and Catharine: Rev. Washington B. Erben, 739 S. Ninth.

Redemption, Twenty-second and Callowhill: Rev. J. P. DuHamel, 400 N. Twenty-second.

Resurrection, Broad and Tioga: Rev. Joseph R. Moore, Tioga ab. Twenty-first. 10½ A.M.

St. Alban's, Fairthorne av. and Ridge road: Rev. A. A. Rickert, 960 N. Fifth.

St. Andrew's, Eighth ab. Spruce: Rev. Wilbur F. Paddock, D.D., 3911 Locust.

St. Andrew's, West Philadelphia, cor. Thirty-sixth and Baring: Rev. Samuel E. Smith, 3629 Hamilton.

St. Bartholomew's, Norris: Rev. James Saul, 1609 Pine.

St. Clement's, cor. Twentieth and Cherry: Rev. Theodore S. Riley, rector; Rev. W. H. N. Stewart, LL.D., assistant minister, 547 N. Fortieth; Rev. Harry Ingersoll Meigs, assistant, 1200 Walnut. 8 and 10½ A.M., 7½ P.M. Sunday-school 9¼ A.M.

St. David's, Centre near Baker, Manayunk: Rev. F. H. Bushnell, 154 Church, Manayunk.

St. George's, West Philadelphia, Hazel av. and Sixty-first: Rev. Charles A. Maison; assistant, Rev. J. H. B. Brooks.

St. James's, Twenty-second and Walnut: Rev. H. J. Morton, D.D., 909 Clinton; assistant, Rev. L. W. Gibson, 2129 Delancey Place.

St. James's, Hestonville: Rev. G. Livingstone Bishop, Silvester av. bel. Forty-ninth.

St. James's, Kingsessing, Darby road bet. Sixty-eighth and Sixty-ninth: Rev. Charles A. Maison, Darby road and Sixty-ninth.

St. James the Less, Falls of Schuylkill: Rev. Robert Ritchie, near the church.

St. John the Baptist, Main and Mehle, Germantown: Rev. William N. Diehl, 4645 Main.

St. John the Evangelist, cor. Third and Reed: Rev. Webb Jackson, 301 Reed.

St. John's Free Church, Cemetery lane: Rev. John G. Bawn, 918 S. Sixteenth.

St. John's, cor. St. John and Brown: Rev. Charles Logan, 989 N. Fifth.

St. Jude's, Franklin ab. Brown: Rev. W. H. Graff, 738 Coates.

St. Luke's, Thirteenth bel. Spruce: Rev. C. G. Currie, 1217 Spruce; assistant, Rev. A. Morton.

St. Luke's, Germantown: Rev. Albra Wadleigh, Germantown.

St. Luke the Beloved Physician, Bustleton: Rev. Henry A. Parker.

St. Mark's, Locust above Sixteenth: Rev. E. A. Hoffman, D.D., 1620 Spruce; assistant, Rev. F. D. Canfield, 723 S. Twentieth. 7, 9 and 10½ A.M., 4 and 7½ P.M.

St. Mark's, Main st., Frankford: Rev. D. S. Miller, D.D., Main ab. Dyer; assistant, Rev. S. Tweedale. 9 and 10½ A.M., 7½ P.M.

St. Mary's, Locust ab. Thirty-ninth: Rev. Thos. C. Yarnall, D.D., 3914 Locust. 10½ A.M., 4 P.M.

St. Matthew's, cor. Girard av. and Eighteenth: Rev. J. B. Falkner, 1230 N. Eighteenth.

St. Michael's, High bet. Main and Morton, Germantown: Rev. J. K. Murphy, 5041 Main. 10½ A.M., 8 P.M.

St. Matthias's, Nineteenth and Wallace: Rev. Richard N. Thomas, 112 N. Nineteenth.

St. Paul's, Third bel. Walnut: vacant. 10½ A.M., 4 P.M.

St. Paul's, Chestnut Hill: Rev. J. Andrew S. Harris, rector. 10½ A.M., 4 P.M.

St. Peter's, Third and Pine: Rev. Thomas Davies, D.D., 717 Pine; assistant, Rev. William White Bronson, 727 Spruce. 8 A.M., 10½ A.M.; service afternoon and evening.

St. Peter's Memorial Chapel, Nineteenth bel. Federal: Rev. J. N. Nock.

St. Philip's, Vine bel. Eighth: Rev. James Pratt, D.D., Lapiere House.

St. Stephen's, Tenth ab. Chestnut: Rev. Wm. Rudder, D.D., 1539 Pine; assistant, Rev. Gideon J. Burton, Burd Orphan Asylum of St. Stephen's Church.

St. Stephen's Chapel for Deaf-Mutes: Rev. F. J. Clere, D.D.

St. Thomas, Fifth and Adelphi: Rev. Robert J. Bowen, 2034 Christian.

St. Timothy's, Ridge av. ab. Shurr's lane: Rev. Wm. W. White.

The Advent, York av. ab. Buttonwood: Rev. J. W. Claxton, 504 N. Sixth.

The Atonement, Seventeenth and Summer: Rev. Benjamin Watson, D.D., 162 N. Twentieth.

The Covenant, Filbert W. of Seventeenth: Rev. Charles E. Murray, 27 S. Sixteenth.

The Church of Our Merciful Saviour, Norris and Camac.

The Good Shepherd, Frankford av. and Adams: Rev. John A. Goodfellow.

The Good Shepherd, Radnor, Delaware co.: Rev. Henry P. Hay, D.D., 619 N. Fourth. 10½ A.M., 4¼ P.M.

The Evangelists, Catharine ab. Seventh: Rev. Jacob Miller, 1232 S. Tenth.

The Holy Comforter, Forty-eighth and Haverford av.: Rev. Wm. H. Platt, Forty-third and Huron.

The Holy Innocents, Tacony. 10½ A.M., 3 P.M.

The Holy Trinity, Rittenhouse Square: Rev. Thomas A. Jaggard, 2007 Delancey Place; Rev. Wm. H. Neilson, minister of chapel; assistant, J. L. Miller. 10½ A.M., 4 P.M.

The Incarnation, S.E. cor. Broad and Jefferson: Rev. Joseph D. Newlin, 532 Marshall.

The Mediator, Nineteenth and Lombard: Rev. Samuel E. Appleton, 1804 Delancey place.

The Saviour, Thirty-eighth bet. Market and Chestnut: Rev. J. H. Eccleston, D.D., 131 S. Thirty-sixth. 10½ A.M., 7¼ P.M.

Trinity Chapel: Rev. William H. Neilson, 2212 Pine.

Trinity, Maylandville: Rev. J. H. Burton. 10½ A.M., 4 P.M.

Trinity, Southwark, Catharine ab. Second: Rev. Jesse Y. Burk, 209 Catharine.

Trinity, Oxford: Trinity church, on road near Fox Chase; chapel, near Crescentville: Rev. Edward Y. Buchanan, D.D., near the church.

In church, at 10½ A.M.; in chapel, afternoon or evening.

Trinity, Falls of Schuylkill: Rev. Walter Windeyer.

Zion, Eighth and Columbia av.: Rev. C. W. Duane.

The Philadelphia Protestant City Mission, No. 225 S. Ninth: President, Rt. Rev. Wm. Bacon Stevens; Superintendent, Rev. Samuel Durborough; Treasurer, W. W. Frazier.

Protestant Episcopal City Mission Dispensary, No. 1017 Morris: W. H. Hutt, physician in charge.

The Philadelphia Protestant Episcopal City Mission, office, No. 225 S. Ninth.

CAMDEN.

St. John's: rector, Rev. W. S. Boardman, 611 Broadway.

St. Paul's: Rev. Joseph F. Garrison, M.D., 311 Benson.

REFORMED CHURCH IN AMERICA.

First, cor. Seventh and Spring Garden: Rev. Thomas X. Orr, 821 N. Seventh.

Second, Seventh ab. Brown: Rev. C. P. Masden, 810 Marshall. Sunday-school 2 P.M.

Third, Filbert and Tenth: Rev. Charles Wadsworth, D.D., 1604 Arch.

Fourth, Cotton ab. Cresson, Manayunk: Rev. P. Stryker Talmage, Lyceum av., Roxborough.

REFORMED CHURCH IN THE UNITED STATES.

Bethlehem, Howard ab. Thompson: Rev. John G. Neuber, 1304 Howard.

Mission, Frankford road and York st.

Christ, Green near Sixteenth: Rev. J. H. Dubbs, 1727 Mount Vernon.

Emanuel's, Bridesburg, Weisert st.

Emanuel, Story near Thirty-eighth: Rev. J. Dahlman, Jr., 413 N. Thirty-eighth.

First, Race bel. Fourth: Rev. Edwin H. Nevin, D.D., 719 Marshall. Sunday-school 9¼ A.M.

Jerusalem, Otis bet. Memphis and Cedar: Rev. G. Neff, 819 E. Norris.

Salem, St. John bel. Green: Rev. John G. Wiehle, 530 St. John.

Salem Mission, Second bel. Queen: Rev. Mr. Ireland.

St. John's, Thirty-fifth and Powelton av.: Rev. John G. Noss, 529 N. Thirty-seventh.

St. Paul's, S.E. cor. Seventeenth and Fitzwater: Rev. John Gantenbein, 1544 Christian. 10 A.M., 7 P.M.

St. Stephen's, Corinthian av. bel. Poplar: Rev. Abraham Romich, 2322 Parrish.

Trinity, cor. Seventh and Oxford: Rev. D. E. Klopp, adjoining the church.

Zion, Sixth ab. Girard av.: Rev. Nicholas Gehr, 1230 N. Sixth. 10¼ A.M., 7½ P.M.

Heidelberg, Melon near Twelfth: Rev. Wm. C. Hendrickson.

ROMAN CATHOLIC.

Cathedral of St. Peter and St. Paul, Eighteenth op. Logan Square: Right Rev. James F. Wood, Bishop of Philadelphia; Rev. A. J. McConomy, rector; Rev. John Elcock, Rev. F. P. O'Neill, Rev. D. Brennan, Rev. Wm. Kieran, D.D., and Rev. John B. Doherty, assistants; 225 N. Eighteenth.

All Saints, Bridesburg, cor. Ash and Bockius: next to the church.

Annunciation, Tenth and Dickinson: Revs. John McAnany and John Ward, 1515 S. Tenth.

Assumption, Spring Garden bel. Twelfth: Very Rev. C. J. H. Carter, Rev. Mark Kelly and Rev. A. J. Gallagher, 1121 Spring Garden. 6½, 8½ and 10½ A.M., 3½ P.M.

Church of the Holy Family (New St. Joseph's), Seventeenth and Stiles: Rev. B. Villiger, S. J., Rev. J. Hippolytegache, S. J., cor. Seventeenth and Stiles. 6½, 8½ and 10½ A.M., 2½, 4 and 7½ P.M.

Church of the Sacred Heart of Jesus, Third and Reed: Rev. Thomas F. Hopkins, 1424 S. Third.

Holy Trinity (German), N.W. cor. Sixth and Spruce: Rev. Bernard Baumeister, 617 Spruce. 7 and 10½ A.M., 5¼ P.M.

Immaculate Conception, Front and Canal: Rev. M. Filan, pastor; Rev. J. B. Kelly, assistant, 112 Laurel. 6, 8½ and 10½ A.M., 3½ P.M.

Immaculate Conception, Manayunk: Rev. Francis Martickell, Rev. Wm. Loughran.

Our Mother of Sorrows, Hestonville: Rev. Francis A. Sharkey.

St. Agatha's, Thirty-sixth and Sycamore: Rev. John E. Fitzmaurice, Thirty-sixth and Grape. 8 and 10½ A.M., 3½ P.M.

St. Alphonsus, S.W. cor. Fourth and Reed: Rev. Henry Augustine, Rev. Anthony M. Grundner, O. S. B. M. V., 410 Reed. 8 and 10 A.M., 3 P.M.

St. Ann's, Lehigh av. and Memphis: Rev. Thomas Kieran, pastor; Revs. Thomas F. Mullen, Thomas Bolger, and Francis J. Quin, assistants; 801 E. Lehigh av. 6, 7½, 9 and 10½ A.M., 3½ P.M.

St. Augustine, Fourth bel. Vine: Very Rev. P. A. Stanton, pastor; Rev. Peter Crane, O. S. A., F. A. Sheeran, O. S. A., and Thomas Shanly, O. S. A., assistants. 6½, 8, 9 and 10½ A.M., 3½ P.M.

St. Bonifacius, Diamond and Norris Square: Rev. John W. Gerdemann, pastor, and F. Schiebbe, assistant, Norris Square. 7, 8, 9 and 10 A.M., 3 and 7½ P.M.

St. Bridget's, Falls of Schuylkill: Rev. Thomas Fox, 256 James. 8½ and 10½ A.M., 3 P.M.

St. Charles Borromeo, Twentieth and Christian: Rev. James O'Reilly, Rev. John Gallagher, Rev. James Mulligan and Rev. John Loughran.

St. Clement's, Darby: Rev. Thomas O'Neill. St. Dominic's, Holmesburg: Rev. Thomas W. Power, Rev. L. Wall.

St. Edward the Confessor, cor. York and Eighth: Very Rev. E. McMahon, pastor: Rev. Thomas J. McGlynn, assistant, 2417 Germantown. 8 and 10½ A.M., 3 P.M.

St. Francis Xavier's, Twenty-fifth and Biddle: Revs. James Magin, Hugh McLaughlin and Patrick Egan.

St. James's, Thirty-eighth and Chestnut: Rev. Michael F. Martin, Rev. John Daly and Rev. James Reilly.

St. Joachim's, Pine st., Frankford: Rev. A. Welsh, Rev. J. P. Byrne, 22 Pine. 8, 10½ A.M., 3½ P.M.

St. John the Baptist, Robinson st., Manayunk: Rev. Francis O'Connor, pastor; Rev. Moses Armstrong, assistant, 142 Robinson. 7, 8½ and 10 A.M., 3½ P.M.

St. John the Evangelist, Thirteenth ab. Chestnut: Revs. P. R. O'Reilly, P. A. Garvey, D.D., and W. F. Cook.

St. Joseph's, Willing's alley bel. Fourth: Rev. P. J. Blenkinsop, S. J., pastor; assistants, Revs. Joseph Ardia, S. J., P. Duddy, S. J., P. A. Jordan, S. J., 417 Willing's al. 6, 7, 8½ and 10½ A.M., 3½ P.M.

St. Malachi's, Eleventh ab. Master: Revs. John Kelly, P. Donegan and James J. Mooney.

St. Mary's, Fourth ab. Spruce: Rev. George Strobel, pastor; assistant, Rev. James M. Martin. 6½, 8 and 10½ A.M., 4 P.M.

St. Mary Magdalene di Pazzi, Marriott ab. Seventh: Antonio Isolieri, ap. miss., next to the church. 8 and 10 A.M., 3½ P.M.

St. Mary our Lady of Consolation, Chestnut Hill: Revs. James Darrah, O. S. A., and P. E. Moriarty, O. S. A.

St. Michael's, Second ab. Master: Very Rev. M. A. Walsh, V. G., Rev. John Monahan and Rev. J. J. Ferry, 1425 N. Second. 6, 7½, 8, 9 and 10½ A.M., 3½ P.M.

St. Patrick's, cor. Twentieth and Rittenhouse: Rev. J. E. Mulholland, pastor; assistants, Revs. M. A. Ryan, D. J. McDermott and James Timmins. 6, 7, 8, 9 and 10½ A.M., 3½ P.M.

St. Paul's, Christian ab. Ninth: Revs. P. F. Sheridan, P. F. Sullivan and P. Blacker.

St. Peter's, Fifth ab. Girard av.: Rev. William Loewekamp, C.S.S.R., rector; Revs. John van Luytelaar, C.S.S.R., John B. Kotz, C.S.S.R., Peter Frischbier, C.S.S.R., L. Werner, C.S.S.R., Philip Colonel, C.S.S.R. 5½, 6½, 7¾, 9 and 10 A.M., 2¾ and 7 P.M.

St. Philip de Neri, Queen ab. Second: Rev. N. Cantwell, Revs. Matthias Cobbin and John A. Mullen. 10½ A.M., 3½ P.M. Sunday, 6½, 8 and 9 A.M.

St. Stephen's, Nicetown: Rev. E. J. Martin. 8 and 10 A.M.

St. Theresa's, Broad and Catharine: Revs. Hugh Lane and Thomas Barry.

St. Vincent de Paul's, Price and Evans: Rev. James Knoud. 8, 9½ and 10½ A.M., 4 P.M.

St. Vincent's, Tacony, cor. Ash and Bockius: Rev. Rudolph Kunzer.

UNITARIAN.

First, cor. Tenth and Locust: Rev. Wm. H. Furness, 1426 Pine.

Church of the Saviour, Green and Chelton av.: Rev. Charles G. Ames, cor. Wayne and Coulter.

UNIVERSALIST.

First, Lombard near Fourth: Rev. C. P. McCarthy.

Church of the Messiah, Locust bel. Broad: Rev. E. G. Brooks, 649 N. Sixteenth. Conference and prayer-meeting from October to June, every Wednesday evening, at 7½ P.M.

Church of the Restoration, Master ab. Sixteenth: Rev. Moses Ballou, 1543 N. Thirteenth.

BISHOPS OF THE METHODIST EPISCOPAL CHURCH, 1873.

Edmund S. Janes, New York; elected 1844.

Levi Scott, Odessa, Del.; elected 1852.

Matthew Simpson, Philadelphia, Penn.; elected 1852.

Edward R. Ames, Baltimore, Md.; elected 1852.

Thomas Bowman, St. Louis, Mo.; elected 1872.

William L. Harris, Chicago, Ill.; elected 1872.

Isaac W. Wiley, Boston, Mass.; elected 1872.

Randolph S. Foster, Cincinnati, O.; elected 1872.

Stephen M. Merrill, St. Paul, Minn.; elected 1872.

Edward G. Andrews, Omaha, Neb.; elected 1872.

Gilbert Haven, Atlanta, Ga.; elected 1872.

Jesse T. Peck, San Francisco, Cal.; elected 1872.

Thos. A. Morris, Springfield, O.; elected 1836.

Retired.

John Wright Roberts, Liberia.

METHODIST EPISCOPAL CHURCH, SOUTH.

J. O. Andrew, Summerfield, Ala.; elected 1832.

Robert Paine, Aberdeen, Miss.; elected 1846.

George F. Pierce, Culverton, Ga.; elected 1854.

John Early, Lynchburg, Va.; elected 1854.

H. H. Kavanagh, Versailles, Ky.; elected 1854.

W. Weightman, Greensboro, Ala.; elected 1866.

D. S. Doggett, Richmond, Va.; elected 1866.

A. N. Tyierre, Charleston, S. C.; elected 1866.

E. M. Marvin, ———, Mo.; elected 1866.

John C. Keener; elected 1870.

BISHOPS OF THE COLORED METHODIST EPISCOPAL CHURCH IN AMERICA.

William Henry Mills.

One vacancy.

BISHOPS OF THE AFRICAN METHODIST EPISCOPAL CHURCH.

Wm. P. Quinn, Indiana.

Daniel M. Payne, Ohio.

James A. Shorter, Ohio.

Alexander W. Wayman, Baltimore.

Jabez P. Campbell, Philadelphia.

Thomas M. D. Ward, California.

John M. Brown, District of Columbia.

BISHOPS OF THE AFRICAN METHODIST EPISCOPAL ZION CHURCH.

Rt. Rev. Joseph J. Clinton.

Sampson Talbert.

J. J. Moore.

J. W. Hood.

S. T. Jones.

One vacancy.

BISHOPS OF THE MORAVIAN CHURCH.

	<i>Residence.</i>	<i>Cons.</i>
John C. Jacobson,	Bethlehem, Pa.,	1854
Samuel Reinke,	" "	1858
Henry A. Shultz,	Nazareth, "	1864
David Bigler,	Lancaster, "	1864
Edmund de Schweinitz,	Bethlehem, "	1870
A. A. Rienke,	New York, "	1870

BISHOPS OF THE PROTESTANT EPISCOPAL CHURCH IN THE UNITED STATES, 1873.

Alabama—Richard Hooker Wilmer, D.D.

Arkansas—Henry Niles Pierce, D.D. (missionary).

California—Wm. Ingraham Kip, D.D.

Colorado—George Maxwell Randall, D.D. (missionary).

Connecticut—John Williams, D.D.

Delaware—Alfred Lee, D.D.

Florida—John Freeman Young, D.D.

Georgia—John Watrus Beckwith, D.D.

Illinois—Henry John Whitehouse, D.D., LL.D.

Indiana—Vacant.

" Joseph Cruickshank Talbot, D.D., LL.D., assistant.

Iowa—Henry Washington Lee, D.D., LL.D.

Kansas—Thomas Hubbard Vail, D.D.

Kentucky—Benjamin Bosworth Smith, D.D.

" George David Cummins, D.D., assistant.

Louisiana—Joseph Pere Bell Wilmer, D.D., LL.D.

Maine—Henry Adams Neely, D.D.

Maryland—William Rollinson Whittingham, D.D., LL.D.

" Wm. Pinckney, D.D., assistant.

" Eastern: Henry Champlin Lay, D.D.

Massachusetts—Vacant.

Michigan—Samuel Allen McCoskry, D.D., D.C.L.

Minnesota—Henry Benjamin Whipple, D.D.

Mississippi—Wm. Mercer Green, D.D.

Missouri—Charles Franklin Robertson, D.D.

Montana—Daniel Sylvester Tuttle, D.D. (missionary).

Nebraska—Robert Harper Clarkson, D.D.

Nevada and Arizona—Ozi William Whittaker, D.D.

New Hampshire—Wm. Woodruff Niles, D.D.

New Jersey—Wm. Henry Odenheimer, D.D.

New York—Horatio Potter, D.D., LL.D., D.C.L.

" Central: Frederick D. Huntingdon, D.D.

" West: Arthur Cleveland Coxe, D.D.

" Albany: William Crosswell Doane, D.D.

" Long Island: Abram Newkirk Littlejohn, D.D.

Niobrara and Indian Territory—William H. Hare (missionary).

North Carolina—Thomas Atkinson, D.D., LL.D.
Ohio—Charles Pettit McIlvaine, D.D., LL.D., D.C.L.

“ Gregory Thurston Bedell, D.D., assistant.
Oregon—Benjamin Wistar Morris, D.D. (missionary).

Pennsylvania—Wm. Bacon Stevens, D.D., LL.D.
“ Pittsburgh: John Barrett Kerfoot, D.D., LL.D.

“ Central: Mark Anthony de Wolfe Howe, D.D., LL.D.

Rhode Island—Thomas March Clark, D.D., LL.D.

South Carolina—Vacant.

“ Wm. Bell White Howe, D.D., assistant.

Tennessee—Chas. Todd Quintard, D.D., LL.D.

Texas—Alexander Gregg, D.D.

Vermont—Wm. Henry Augustus Bissell, D.D.

Virginia—John Johns, D.D.

“ Francis McNeece Whittle, D.D., assistant.

Wisconsin—Wm. Edward Armitage, D.D.

Channing Moore Williams, D.D., China and Japan (missionary).

J. G. Auer, Cape Palmas, Africa (missionary).

Horatio Southgate, D.D., late of Constantinople, Turkey. Retired.

John Payne, D.D., late of Capé Palmas, Africa. Retired.

HIERARCHY OF THE ROMAN CATHOLIC CHURCH IN THE UNITED STATES, 1873.

Archbishops.

James Roosevelt Bayley, Baltimore.

John Baptist Purcell, Cincinnati.

P. A. Perche, New Orleans.

John McClosky, New York.

Frances Norbert Blanchet, Oregon.

Peter Richard Kenrick, St. Louis.

Joseph S. Alemany, O.S.D., San Francisco.

Bishops.

PROVINCE OF BALTIMORE.

Baltimore, Md.—Archbishop Bayley.

Erie, Pa.—Tobias Mullen.

Philadelphia, Pa.—James F. Wood.

Pittsburg, Pa.—M. Domenec.

Scranton, Pa.—William O'Hara.

Harrisburg, Pa.—Jeremiah F. Shanahan.

Wilmington, Del.—Thomas A. Becker.

Richmond, Va.—James Gibbons.

Savannah, Ga.—Ignatius Persico.

Wheeling, West Va.—Richard V. Whelan.

North Carolina—Vacant.

Charleston, S. C.—P. N. Lynch.

St. Augustine, Fla.—Augustin Verot.

PROVINCE OF CINCINNATI.

Cincinnati, O.—Archbishop Purcell.

Columbus, O.—Sylvester H. Rosecrans.

Cleveland, O.—Richard Gilmour.

Covington, Ky.—A. M. Toebe.

Detroit, Mich.—C. H. Borgens.

Fort Wayne, Ind.—Joseph Dwenger.

Louisville, Ky.—William McCloskey.

Marquette, Wis.—Ignatius Mrack.

Vincennes, Ind.—Maurice de St. Palais.

PROVINCE OF NEW ORLEANS.

New Orleans, La.—Archbishop Perche.

Galveston, Texas—C. M. Dubois.

Little Rock, Ark.—Edward Fitzgerald.

Mobile, Ala.—John Quinlan.

Natchez, Miss.—William Henry Elder.

Natchitoches, La.—Augustus Martin.

PROVINCE OF NEW YORK.

New York, N. Y.—Archbishop McClosky.

Albany, N. Y.—John J. Conroy.

“ F. McNeirney, coadjutor.

Rochester, N. Y.—Bernard J. McQuaid.

Boston, Mass.—John J. Williams.

Springfield, Mass.—P. J. O'Reilly.

Brooklyn, N. Y.—John Loughlin.

Buffalo, N. Y.—Stephen Vincent Ryan, C.M.

Burlington, Vt.—Louis de Groesbriand.

Hartford, Conn.—Francis P. McFarland.

Newark, N. J.—Vacant.

Portland, Me.—David W. Bacon.

Providence, R. I.—Thomas F. Hendrecken.

Ogdensburg, N. Y.—Edgar P. Wadhams.

PROVINCE OF OREGON.

Oregon City—Archbishop Blanchet.

Nesqually—Augustine M. A. Blanchet.

PROVINCE OF ST. LOUIS.

St. Louis, Mo.—Archbishop Kenrick.

“ P. J. Ryan, coadjutor.

St. Joseph, Mo.—John Hogan.

Alton, Ill.—P. J. Bales.

Chicago, Ill.—Thomas J. Foley.

Dubuque, Iowa—J. Hennessy.

Milwaukee, Wis.—John Martin Henni.

Green Bay, Wis.—Joseph Melcher.

La Crosse, Wis.—Michael Heiss.

Nashville, Tenn.—P. A. Feehan.

Santa Fe, New Mexico—John B. Lamy.

St. Paul, Minn.—Thomas L. Grace, O.S.D.

Kansas and the Indian Territory east of the

Rocky Mountains—John B. Miede, Louis Fink,

Leavenworth City, Kansas.

Vicariate Apostolic of Nebraska—James O'Gorman.

Vicariate Apostolic of Idaho—Louis Lootens.

Vicariate Apostolic of Colorado and Utah—J.

Projectus Machebœuf.

PROVINCE OF SAN FRANCISCO.

San Francisco—Archbishop Joseph S. Alemany, D.D., O.S.D.

Los Angeles and Monterey—Thaddeus Amat, C.M.

Grass Valley, Cal.—Eugene O. Connell.

THE *Leipsic Illustrated Zeitung* of the 19th of October contains a long article entitled “An American Bookseller,” which gives a full description of the active and useful life of Geo. W. Childs of Philadelphia, and shows a great appreciation of the peculiar characteristics that have made Mr. Childs so successful in business as well as beloved in private life. A similar tribute of admiration has been paid to Mr. Childs in the *Arte della Stampa*, Florence, Italy (which, by the way, is perhaps the most beautifully printed typographical paper in the world). The article refers to Munday's account of the *Public Ledger*, and closes with extracts from the enthusiastic notice of Mr. Childs which some time ago appeared in the *London Pall Mall Gazette*.—From the *Publishers' and Stationers' Trade Circular*, N. Y., Nov. 21, 1872.

GOVERNMENT OF THE UNITED STATES.

President.—ULYSSES S. GRANT, of Illinois.*Vice-President.*—HENRY WILSON, of Massachusetts.*Private Secretary to the President.*—General O. E. BABCOCK, of Vermont.

CABINET.

Secretary of State.—HAMILTON FISH, of New York.*Secretary of the Treasury.*—GEORGE S. BOUTWELL, of Massachusetts.*Secretary of War.*—WILLIAM W. BELKNAP, of Iowa.*Secretary of the Navy.*—GEORGE M. ROBESON, of New Jersey.*Secretary of the Interior.*—COLUMBUS DELANO, of Ohio.*Postmaster-General.*—JOHN A. J. CRESWELL, of Maryland.*Attorney-General.*—GEORGE H. WILLIAMS, of Oregon.

SUPREME COURT OF THE UNITED STATES.

Chief Justice.—SALMON P. CHASE, of Ohio.*Associate Justices.*

WARD HUNT, of New York.

NATHAN CLIFFORD, of Maine.

NOAH H. SWAYNE, of Ohio.

SAMUEL F. MILLER, of Iowa.

DAVID DAVIS, of Illinois.

STEPHEN J. FIELD, of California.

WILLIAM STRONG, of Pennsylvania.

JOSEPH P. BRADLEY, of New Jersey.

UNITED STATES CIRCUIT JUDGES,
1873.

1st Circuit, George F. Shepley, Maine; 2d, Lewis B. Woodruff, New York; 3d, William McKennan, Penna.; 4th, Hugh L. Bond, Maryland; 5th, William B. Wood, Alabama; 6th, Palmer H. Emmons, Michigan; 7th, Thomas Drummond, New York; 8th, John F. Dillon, Iowa; 9th, Lorenzo Sawyer, California.

JUDGES UNITED STATES DISTRICT
COURTS, 1873.

Alabama—Northern, Richard Busteed; Southern, ———.
 Arkansas—Eastern, H. C. Caldwell; Western, Wm. Storey.
 California—Northern, Ogden Hoffman; Southern, ———.
 Connecticut—William D. Shipman.
 Delaware—Edward G. Bradford.
 Florida—Northern, Philip Frazer; Southern, James W. Locke.
 Georgia—John Erskine.
 Illinois—Northern, H. W. Blodgett; Southern, Samuel H. Treat.
 Indiana—W. Q. Gresham.
 Iowa—James M. Love.
 Kansas—Mark W. Delahay.
 Kentucky—Bland Ballard.
 Louisiana—Eastern, Edward H. Durell; Western, ———.
 Maine—Edward Fox.
 Maryland—William Fell Giles.
 Massachusetts—John Lowell.
 Michigan—Eastern, John W. Longyear; Western, S. L. Withys.
 Minnesota—Rensselaer R. Nelson.

Missouri—Eastern, Samuel Treat; Western, Arnold Krekel.
 Mississippi—Northern, Robert A. Hill; Southern, ———.
 Nebraska—Elmer S. Dundy.
 Nevada—E. W. Hillyer.
 New Hampshire—Daniel Clark.
 New Jersey—John T. Nixon.
 New York—Northern, Nathan K. Hall; Southern, Samuel Blatchford; Eastern, Charles N. Benedict.
 North Carolina—George W. Brooks.
 Ohio—Northern, C. T. Sherman; Southern, Philip B. Swirz; Western, Robert D. Dick.
 Oregon—Matthew D. Deady.
 Pennsylvania—Eastern, John Cadwalader; Western, W. McCandless.
 Rhode Island—John P. Knowles.
 South Carolina—George S. Bryan.
 Tennessee—Eastern, C. F. Trigg; Western, ———; Middle, ———.
 Texas—Eastern, Wm. H. Goddard; Western, T. H. Duval.
 Vermont—D. A. Smalley.
 Virginia—Eastern, J. C. Underwood; Western, Alexander Rives.
 West Virginia—John J. Jackson.
 Wisconsin—Eastern, Andrew G. Miller; Western, James C. Hopkins.
 New Mexico Territory, Joseph G. Palin, C. J.
 Utah Territory, J. B. McKean.
 Washington Territory, Orange Jacobs.
 Colorado Territory, Moses Hallett.
 Dakota Territory, Geo. W. French.
 Arizona Territory, John Titus.
 Idaho Territory, David Nagle.
 Montana Territory, D. L. Wade.
 Wyoming Territory, John H. Howe.
 District of Columbia, David R. Carter.

ONE of the marvels of modern journalism is the *Public Ledger* of Philadelphia, published, as all the reading world knows, by Mr. Geo. W. Childs. This gentleman has done much to elevate the standard of the daily newspaper, has solved the problem of successful journalism, admitting nothing but the truth into the columns of his paper, printing no advertisements whatever of a doubtful character, and giving the news in a condensed

form, so carefully edited that the most intelligent cannot find fault. New York has yet to establish a paper on this plan. The result gained to the *Ledger* is a weekly circulation of over half a million of copies, crowded within and without with paying advertisements. Its wonderful success is creditable alike to Mr. Childs and his large circle of readers.—*Home Journal*, New York, Nov. 6, 1872.

FORTY-SECOND CONGRESS.

[Expires March 4, 1873.]

SENATE.

President of the Senate.—SCHUYLER COLFAX.*Secretary.*—GEORGE C. GORHAM.*Sergeant-at-Arms.*—JOHN R. FRENCH.

(Republicans in Roman, Democrats in Italics.)

Term expires.		Term expires.		Term expires.	
ALABAMA.		LOUISIANA.		NORTH CAROLINA.	
1873 George E. Spencer,		1873 William Pitt Kellogg,		1873 John Pool,	
1877 George Goldthwaite.		1877 J. Rodman West.		1877 <i>Matthew W. Ransom.</i>	
ARKANSAS.		MAINE.		OHIO.	
1873 Benjamin F. Rice,		1875 Hannibal Hamlin,		1873 John Sherman,	
1877 Powell Clayton.		1877 Lot M. Morrill.		1875 <i>Allen G. Thurman.</i>	
CALIFORNIA.		MARYLAND.		OREGON.	
1873 Cornelius Cole,		1873 <i>George Vickers,</i>		1873 Henry W. Corbett,	
1875 <i>Eugene Casserly.</i>		1875 <i>William T. Hamilton.</i>		1877 <i>James K. Kelly.</i>	
CONNECTICUT.		MASSACHUSETTS.		PENNSYLVANIA.	
1873 Orris S. Ferry,		1875 Charles Sumner,		1873 Simon Cameron,	
1875 William A. Buckingham.		1877 Henry Wilson.		1875 John Scott.	
DELAWARE.		MICHIGAN.		RHODE ISLAND.	
1875 <i>Thomas F. Bayard,</i>		1875 Zachariah Chandler,		1875 William Sprague,	
1877 <i>Eli Saulsbury.</i>		1877 Thomas W. Ferry.		1877 Henry B. Anthony.	
FLORIDA.		MINNESOTA.		SOUTH CAROLINA.	
1873 Thomas W. Osborn,		1875 Alexander Ramsey,		1873 Frederick A. Sawyer,	
1875 Abijah Gilbert.		1877 William Windom.		1877 Thomas J. Robertson.	
GEORGIA.		MISSISSIPPI.		TENNESSEE.	
1873 Joshua Hill,		1875 Adelbert Ames,		1875 William G. Brownlow,	
1877 <i>Thomas M. Norwood.</i>		1877 James L. Alcorn.		1877 <i>Henry Cooper.</i>	
ILLINOIS.		MISSOURI.		TEXAS.	
1873 Lyman Trumbull,		1873 <i>Francis P. Blair, Jr.,</i>		1875 J. W. Flanagan,	
1877 John A. Logan.		1875 Carl Schurz.		1877 Morgan C. Hamilton.	
INDIANA.		NEBRASKA.		VERMONT.	
1873 Oliver P. Morton,		1875 Thomas W. Tipton,		1873 Justin S. Morrill,	
1875 Daniel D. Pratt.		1877 Phineas W. Hitchcock.		1875 George F. Edmunds.	
IOWA.		NEVADA.		VIRGINIA.	
1873 James Harlan,		1873 James W. Nye,		1875 John F. Lewis,	
1877 George G. Wright.		1875 William M. Stewart.		1877 <i>John W. Johnston.</i>	
KANSAS.		NEW HAMPSHIRE.		WEST VIRGINIA.	
1873 Samuel C. Pomeroy,		1873 James W. Patterson,		1875 Arthur I. Boreman,	
1877 Alexander Caldwell.		1877 Aaron H. Cragin.		1877 <i>Henry G. Davis.</i>	
KENTUCKY.		NEW JERSEY.		WISCONSIN.	
1873 <i>Willis R. Machen,</i>		1875 <i>John P. Stockton,</i>		1873 Timothy O. Howe,	
1877 <i>John W. Stevenson.</i>		1877 Fred'k T. Frelinghuysen.		1875 Matthew H. Carpenter.	
		NEW YORK.			
		1873 Roscoe Conkling,			
		1875 Reuben E. Fenton.			

HOUSE OF REPRESENTATIVES.

Speaker.—JAMES G. BLAINE.*Clerk.*—EDWARD MCPHERSON.*Sergeant-at-Arms.*—N. G. ORDWAY.

Dist.		Dist.		Dist.		Dist.	
ALABAMA.		CALIFORNIA.		FLORIDA.		ILLINOIS.	
1 Benjamin S. Turner,		1 S. O. Houghton,		Josiah T. Walls.		1 Charles B. Farwell,	
2 Charles W. Buckley,		2 Aaron A. Sargent,				2 John F. Farnsworth,	
3 <i>Wm. A. Handley,</i>		3 John M. Coghlan.				3 H. C. Burchard,	
4 Charles Hays,		CONNECTICUT.		GEORGIA.		4 John B. Hawley,	
5 <i>Peter M. Dox,</i>		1 J. R. Hawley,		1 <i>Arch'd T. McIntyre,</i>		5 <i>Brad. N. Stevens,</i>	
6 <i>Joseph H. Sloss.</i>		2 Stephen W. Kellogg,		2 Richard H. Whitely,		6 Henry Snapp,	
ARKANSAS.		3 H. H. Starkweather,		3 John S. Bigby,		7 Jesse H. Moore,	
1 <i>James P. Hanks,</i>		4 <i>Wm. H. Barnum.</i>		4 — <i>Blount.</i>		8 <i>James C. Robinson,</i>	
2 Oliver P. Snyder,		DELAWARE.		5 <i>Dudley M. du Bose,</i>		9 <i>T. W. McNeely,</i>	
3 Thomas Boles.		<i>Benjamin T. Biggs.</i>		6 <i>William P. Price,</i>		10 <i>Edward Y. Rice,</i>	
				7 <i>Pierce M. B. Young.</i>		11 <i>Sam'l S. Marshall,</i>	

Dist.

ILLINOIS.

- 12 John B. Hay,
- 13 John M. Krebs,
- John L. Beveridge,
at large.

INDIANA.

- 1 Wm. E. Niblack,
- 2 Michael C. Kerr,
- 3 William S. Holman,
- 4 Jeremiah M. Wilson,
- 5 John Coburn,
- 6 Daniel W. Voorhees,
- 7 Mahlon D. Manson,
- 8 James N. Tyner,
- 9 John P. C. Shanks,
- 10 William Williams,
- 11 Jasper Packard.

IOWA.

- 1 George W. McCrary,
- 2 Aylett R. Cotton,
- 3 William G. Donnan,
- 4 Madison M. Walden,
- 5 Frank W. Palmer,
- 6 Jackson Orr.

KANSAS.

David P. Lowe.

KENTUCKY.

- 1 Edward Crossland,
- 2 Henry D. McHenry,
- 3 Joseph H. Lewis,
- 4 William B. Read,
- 5 Boyd Winchester,
- 6 William E. Arthur,
- 7 James B. Beck,
- 8 George M. Adams,
- 9 John M. Rice.

LOUISIANA.

- 1 J. Hale Sypher,
- 2 Lionel A. Sheldon,
- 3 Chester B. Darrall,
- 4 [Vacancy.]
- 5 Frank Morey.

MAINE.

- 1 John Lynch,
- 2 William P. Frye,
- 3 James G. Blaine,
- 4 John A. Peters,
- 5 Eugene Hale.

MARYLAND.

- 1 Samuel Hambleton,
- 2 Stevenson Archer,
- 3 Thomas Swann,
- 4 John Ritchie,
- 5 Wm. M. Merrick.

MASSACHUSETTS.

- 1 James Buffinton,
- 2 Oakes Ames,
- 3 Ginery Twichell,
- 4 Samuel Hooper,
- 5 Benjamin F. Butler,
- 6 Nathaniel P. Banks,
- 7 C. C. Estry,
- 8 George F. Hoar,
- 9 Alvah Crocker,
- 10 Henry L. Dawes.

Dist.

MICHIGAN.

- 1 Henry Waldron,
- 2 Wm. L. Stoughton,
- 3 Austin Blair,
- 4 Wilder D. Foster,
- 5 Omar D. Conger,
- 6 Jabez G. Sutherland

MINNESOTA.

- 1 Mark H. Dunnell,
- 2 John T. Averill.

MISSISSIPPI.

- 1 George E. Harris,
- 2 Joseph L. Morphis,
- 3 Henry W. Barry,
- 4 George C. McKee,
- 5 Legrande W. Perce.

MISSOURI.

- 1 Erastus Wells,
- 2 G. A. Finkelnburg,
- 3 Jas. R. McCormick,
- 4 Harrison E. Havens,
- 5 Samuel S. Burdett,
- 6 Abram Comingo,
- 7 Isaac C. Parker,
- 8 James G. Blair,
- 9 Andrew King.

NEBRASKA.

John Taffe.

NEVADA.

Chas. W. Kendall.

NEW HAMPSHIRE.

- 1 Ellery A. Hibbard,
- 2 Samuel N. Bell,
- 3 Hosea N. Parker.

NEW JERSEY.

- 1 John W. Hazleton,
- 2 Samuel C. Forker,
- 3 John T. Bird,
- 4 John Hill,
- 5 George A. Halsey.

NEW YORK.

- 1 Dwight Townsend,
- 2 Thomas Kinsella,
- 3 Henry W. Slocum,
- 4 Robert B. Roosevelt,
- 5 William R. Roberts,
- 6 Samuel S. Cox,
- 7 Smith Ely, Jr.,
- 8 James Brooks,
- 9 Fernando Wood,
- 10 Clarkson N. Potter,
- 11 Charles St. John,
- 12 John H. Ketcham,
- 13 Joseph H. Tuthill,
- 14 Eli Perry,
- 15 Joseph M. Warren,
- 16 John Rogers,
- 17 William A. Wheeler,
- 18 John M. Carroll,
- 19 Elizur H. Prindle,
- 20 Clinton L. Merriam,
- 21 Ellis H. Roberts,
- 22 William E. Lansing,
- 23 R. Holland Duell,
- 24 John E. Seeley,
- 25 Wm. H. Lamport,
- 26 Milo Goodrich,
- 27 H. Boardman Smith,

Dist.

- 28 Freeman Clarke,
- 29 Seth Wakeman,
- 30 William Williams,
- 31 Walter L. Sessions.

NORTH CAROLINA.

- 1 Clinton L. Cobb,
- 2 Charles R. Thomas,
- 3 Alfred M. Waddell,
- 4 Zion H. Rogers,
- 5 James M. Leach,
- 6 Francis E. Shober,
- 7 James C. Harper.

OHIO.

- 1 O. J. Dods,
- 2 Job E. Stevenson,
- 3 Lewis D. Campbell,
- 4 John F. McKinney,
- 5 Chas. N. Lamison,
- 6 John A. Smith,
- 7 Sam'l Shellabarger,
- 8 John Beatty,
- 9 Charles Foster,
- 10 Erasmus D. Peck,
- 11 John T. Wilson,
- 12 Philad. Van Trump,
- 13 George W. Morgan,
- 14 James Monroe,
- 15 William P. Sprague,
- 16 John A. Bingham,
- 17 Jacob A. Ambler,
- 18 William H. Upson,
- 19 James A. Garfield.

OREGON.

James H. Slater.

PENNSYLVANIA.

- 1 Samuel J. Randall,
- 2 John V. Creely,
- 3 Leonard Myers,
- 4 William D. Kelley,
- 5 Alfred C. Harmer,
- 6 Ephraim L. Acker,
- 7 Wash'n Townsend,
- 8 J. Lawrence Getz,
- 9 Oliver J. Dickey,
- 10 John W. Killinger,
- 11 John B. Storm,
- 12 L. D. Shoemaker,
- 13 Ulysses Mercur,
- 14 John B. Packer,
- 15 Rich. J. Haldeman,
- 16 Benj. F. Meyers,
- 17 R. Milton Spear,
- 18 Henry Sherwood,
- 19 Glenni W. Scofield,
- 20 Samuel Griffith,
- 21 Henry D. Foster,
- 22 James S. Negley,
- 23 Eben. McCjunkin,
- 24 Wm. McClelland.

RHODE ISLAND.

- 1 Benjamin T. Eames,
- 2 Jas. M. Pendleton.

SOUTH CAROLINA.

- 1 Joseph H. Rainey,
- 2 Robert C. de Large,
- 3 Robert B. Elliott,
- 4 Alex. S. Wallace.

TENNESSEE.

- 1 Roderick R. Butler,

Dist.

- 2 Horace Maynard,
- 3 Abr'm E. Garrett,
- 4 John M. Bright,
- 5 Edw'd I. Golladay,
- 6 W. C. Whitthorne,
- 7 Robert P. Caldwell,
- 8 Wm. W. Vaughan.

TEXAS.

- 1 Wm. S. Herndon,
- 2 John C. Conner,
- 3 D. C. Giddings,
- 4 John Hancock.

VERMONT.

- 1 Charles W. Willard,
- 2 Luke P. Poland,
- 3 Worth'n C. Smith.

VIRGINIA.

- 1 John Critcher,
- 2 James H. Platt, Jr.,
- 3 Charles H. Porter,
- 4 Wm. H. H. Stowell,
- 5 Rich'd T. W. Duke,
- 6 John T. Harris,
- 7 Elliott M. Braxton,
- 8 William Terry.

WEST VIRGINIA.

- 1 John J. Davis,
- 2 James C. McGrew,
- 3 Frank Hereford.

WISCONSIN.

- 1 Alexander Mitchell,
- 2 Gerry W. Hazleton,
- 3 J. Allen Barber,
- 4 Chas. A. Eldridge,
- 5 Philetus Sawyer,
- 6 Jeremiah M. Rusk.

DELEGATES.

ARIZONA.

Rich'd C. McCormick.

COLORADO.

Jerome B. Chaffee.

DAKOTA.

Moses K. Armstrong.

DISTRICT OF COLUMBIA.

N. P. Chipman.

IDAHO.

Samuel A. Merritt.

MONTANA.

William H. Claggett.

NEW MEXICO.

José M. Galego.

UTAH.

William H. Hooper.

WASHINGTON.

Selucius Garfield.

WYOMING.

William T. Jones.

CHIEF OFFICERS UNITED STATES
ARMY, 1873.*General.*

WILLIAM T. SHERMAN.

Lieutenant-General.

PHILIP H. SHERIDAN.

*Major-Generals.*Winfield S. Hancock, John M. Schofield,
Irwin McDowell.*Brigadier-Generals.*P. St. George Cooke, Edward O. C. Ord,
John Pope, Edward R. S. Canby,
Oliver O. Howard, Christopher C. Augur,
Alfred H. Terry,E. D. Townsend, Adjutant-General.
Joseph Holt, Judge Advocate-General.
R. B. Marcy, Inspector-General.
Montgomery C. Meigs, Quartermaster-General.
Amos B. Eaton, Commissary-General of Sub-
sistence.
Joseph K. Barnes, Surgeon-General.
Benjamin Alvord, Paymaster-General.
Andrew A. Humphries, Chief of Engineers.
Alexander B. Dyer, Chief of Ordnance.*Retired from Active Service:* William J.
Harney, James W. Ripley, Lorenzo Thomas,
George D. Ramson, Richard Delafield, Joseph
Hooker, Joseph B. Kiddoo, Samuel Rose, Ben-
jamin W. Brice.

COMMANDERS OF MILITARY DIVISIONS AND DEPARTMENTS, 1873.

DIVISIONS.	DEPART- MENTS.	STATES.	COMMANDERS.	HEAD-QUARTERS.
The Missouri	.....	.....	Lieut.-Gen. P. H. Sheridan.....	St. Louis, Mo.
	The Missouri	Illinois, Missouri, Iowa, Kansas, N. Mexico, Utah, Colorado.....	Maj.-Gen. John Pope.....	Fort Leavenworth.
	Texas.....	Texas, Indian Ter.	Brev. Maj.-Gen. C. C. Augur...	San Antonio, Tex.
	Dakota.....	Minnesota, Dako- ta and Montana	Brev. Maj.-Gen. A. H. Terry...	St. Paul, Minn.
	The Platte ...	Wyoming, Utah and Nebraska...	Brig.-Gen. E. O. C. Ord.....	Omaha, Neb.
The Pacific...	.....	.....	Maj.-Gen. J. M. Schofield.....	San Francisco, Cal.
	California	California, Nevada	Maj.-Gen. J. M. Schofield.....	San Francisco, Cal.
	Columbia.....	Oregon, Idaho, Washington and Alaska Territor- ies.....	Br. Maj.-Gen. E. R. S. Canby...	Portland, Oregon.
	Arizona.....	Arizona and Cali- fornia, south of a line from N.W. cor. of Arizona to Point Concep- tion.....	Br. Maj.-Gen. George Crook...	Prescott, Arizona.
The Atlantic	.....	.....	Maj.-Gen. W. S. Hancock.....	.....
	The East.....	N. Eng. States, N. York, New Jer- sey, Penn., Del., Maryland, Vir- ginia, West Va., Dist. Colum.....	Maj.-Gen. W. S. Hancock.....	.....
	The Lakes...	Ohio, Michigan, Wisconsin, In- diana, and the frontier east to Lake Cham- plain.....	Br. Maj.-Gen. P. St. Geo. Cooke.	Detroit, Mich.
	The South....	North Carolina, South Carolina, Tennessee, Ken- tucky, Alabama, Georgia, Florida	Br. Maj.-Gen. Irwin McDowell.	Louisville, Ky.
	The Gulf	Mississippi, Ar- kansas, Louis- iana, Gulf ports and Key West...	Col. Wm. H. Emory.....	New Orleans, La.

CHIEF OFFICERS UNITED STATES NAVY, 1873.

Admiral.

DAVID D. PORTER.

Vice-Admiral.

STEPHEN C. ROWAN.

Rear-Admirals.

Active List.

L. M. Goldsborough,	Melancthon Smith,
Charles H. Davis,	Charles T. Boggs,
William Radford,	Thornton A. Jenkins,
Thomas Turner,	W. R. Taylor,
John Rogers,	B. F. Sands,
Samuel P. Lee,	Alfred Taylor,
James Alden,	Augustus L. Case,
Alexander M. Pennock,	Charles Steadman,
John L. Worden,	George F. Emmons.

Retired and Reserved List.

William B. Shubrick,	Theodorus Bailly,
Joseph Smith,	James L. Lardner,
Silas H. Stringham,	Henry K. Thatcher,
Samuel L. Breese,	Henry K. Hoff,
Hiram Paulding,	Andrew A. Harwood,
Levin M. Powell,	Thomas T. Craven,
John B. Montgomery,	Thomas A. Selfridge,
Cornelius K. Stribling,	Charles H. Poor,
Joshua R. Sands,	James F. Schenck,
Charles H. Bell,	Sylvanus W. Godon,
Charles Wilkes,	O. S. Glisson,
John de Camp,	Henry Walker,
Joseph Lanman,	John A. Winslow,
	Joseph F. Green.

UNITED STATES MINISTERS TO FOREIGN COURTS, 1873.

France	E. B. Washburne, Ill.
England	Robert C. Schenck, Ohio.
Russia	Andrew G. Curtin, Penn.
German Empire	George Bancroft, N. Y.
Austria	John Jay, N. Y.
Bolivia	Leopold Markbreit.
Belgium	J. Russell Jones, Ill.
Argentine Republic	Julius White, Ill.
Colombia	S. A. Hurlbut.
Denmark	M. J. Cramer, Ky.
Guatemala	S. A. Hudson, Iowa.
Hayti	E. D. Bassett (col.), Penn.
Mexico	Thomas H. Nelson, Ind.
Switzerland	Horace Rublee, Wis.
Sweden	C. C. Andrews, Mo.
Venezuela	William A. Pile, Mo.
Honduras	Henry Baxter, Mich.
Japan	Charles E. D. Long, Nev.
Salvador	Thomas Biddle, Penn.
Liberia	J. Milton Turner (col.), Md.
China	Frederick F. Low, Cal.
Portugal	Charles H. Lewis, Va.
Nicaragua	C. N. Riette, Texas.
Ecuador	E. Rumsey Wing, Ky.
Sandwich Islands	Henry A. Peirce.
Brazil	James R. Partridge, Md.
Spain	Daniel E. Sickles, N. Y.
Chili	Joseph P. Root, Kansas.
Costa Rica	Jacob B. Blair.
Italy	George P. Marsh.
Holland	Charles T. Gorham, Mich.

Peru	Francis Thomas, Md.
Turkey	George H. Boker, Penn.
Paraguay and Uruguay	John L. Stevens, Maine.
Egypt	Richard Beardsley, Ind.
Greece	John M. Francis, N. Y.

FOREIGN LEGATIONS IN THE UNITED STATES, 1873.

Argentine Republic—Senor Don Manuel Rafael Garcia, Minister Plenipotentiary, Washington.

Austria—Baron Charles Lederer, Minister Plenipotentiary, Washington.

Belgium—M. Maurice Delfosse, Minister Resident, Washington.

Brazil—Senor Antonio P. de Carvalho Borges, Minister Plenipotentiary, Washington.

Chili—Don Joaquin Godoy, Minister Plenipotentiary, Washington.

Colombia—Don Carlos Martin, Minister Plenipotentiary, Washington.

Costa Rica—Senor Don Ezequiel Gutierrez, Chargé d'Affaires, Washington.

Denmark—F. E. Bille, Chargé d'Affaires, Washington.

Ecuador—Don Antonio Florez, Minister Resident, Washington.

France—Emanuel Victorien Henri de Noailles, Minister Plenipotentiary, Washington.

German Empire—Kurd Von Schlozer, Minister Plenipotentiary, Washington.

Great Britain—Edward Thornton, Minister Plenipotentiary, Washington.

Greece—M. Cleon Rizo Rangabee, Chargé d'Affaires, Washington.

Guatemala and Salvador—Senor Dardon, Minister Resident, Washington.

Hawaiian Islands—Elisha H. Allen, Minister Plenipotentiary, Washington.

Hayti—Stephen Preston, Minister Resident, Brooklyn, N. Y.

Italy—Count Louis Corti, Minister Plenipotentiary, Washington.

Japan—Jugoi Arinori Mori, Chargé d'Affaires, Washington.

Liberia—Henry M. Schieffelin, Chargé d'Affaires, Yonkers, N. Y.

Mexico—Don Francisco Gomez Palacio, Chargé d'Affaires, Washington.

Netherlands—Bernhard de Westenberg, Minister Resident, Washington.

Nicaragua and Honduras—Senor Emilie Bernard, Minister Plenipotentiary, New York.

Peru—Don Manuel Freyre, Minister Plenipotentiary, Washington.

Portugal—Chevalier de Souza Lobo, Minister Plenipotentiary, Washington.

Russia—Henri d'Offenberg, Minister Plenipotentiary, Washington.

Spain—Jose Polo de Barnabe, Minister Plenipotentiary, Washington.

Switzerland—John Hitz, Political Agent and Consul General, Washington.

Sweden and Norway—Olaf Stenersen, Minister Plenipotentiary, Washington.

Turkey—Blacque Bey, Minister Plenipotentiary, Washington.

United States of Colombia—General Santos Acosta, Minister Plenipotentiary, Washington.

Venezuela—Senor Don Manuel Muñoz y Castro, Chargé d'Affaires, New York.

STATE GOVERNMENTS IN 1873.

(Republicans in Roman, Democrats in Italics.)

States.	Capitals.	Governors.	Term expires.	Sal'y.	Legislature meets.	State Election.
Alabama.....	Montgomery.....	David P. Lewis....	Nov. 1876	\$4000	3 M. Nov.	Tu. aft. 1 M. Nov.
Arkansas.....	Little Rock.....	Elisha Baxter.....	Jan. 1877	5000	1 M. Jan.	1 M. Nov.
California.....	Sacramento.....	Newton Booth.....	Dec. 1875	7000	1 M. Dec.	1 Tu. Sept.
Connecticut....	Hartf'd & N.H'n	Marshall Jewell....	May, 1873	2000	1 W. May.	1 M. April.
Delaware.....	Dover.....	<i>James Ponder.....</i>	Jan. 1875	2000	1 Tu. Jan.	Tu. aft. 1 M. Nov.
Florida.....	Tallahassee.....	<i>Wm. D. Bloxham..</i>	Jan. 1877	5000	Tu a 1 M Jan.	Tu. aft. 1 M. Nov.
Georgia.....	Atlanta.....	<i>James M. Smith..</i>	Jan. 1877	4000	2 W. Jan.	1 Tu. Aug.
Illinois.....	Springfield.....	Rich'd J. Oglesby..	Jan. 1877	1500	1 M. Jan.	Tu. aft. 1 M. Nov.
Indiana.....	Indianapolis.....	<i>Thos. A. Hendricks</i>	Jan. 1875	3000	1 W. Jan.	2 Tu. Oct.
Iowa.....	Des Moines.....	C. C. Carpenter.....	Jan. 1874	2500	2 M. Jan.	2 Tu. Oct.
Kansas.....	Topeka.....	Thos. A. Osborne..	Jan. 1875	2000	2 Tu. Jan.	Tu. aft. 1 M. Nov.
Kentucky.....	Frankfort.....	<i>Preston H. Leslie.</i>	Sept. 1874	5000	1 M. Dec.	1 M. Aug.
Louisiana.....	New Orleans.....	<i>J. F. McEnery....</i>	Jan. 1877	8000	1 M. Jan.	1 M. Nov.
Maine.....	Augusta.....	Sidney Perham.....	Jan. 1874	2500	1 W. Jan.	2 M. Sept.
Maryland.....	Annapolis.....	<i>W. Pinkney White</i>	Jan. 1876	4500	1 W. Jan.	Tu. aft. 1 M. Nov.
Massachusetts	Boston.....	Wm. B. Washburn	Jan. 1874	5000	1 W. Jan.	Tu. aft. 1 M. Nov.
Michigan.....	Lansing.....	John J. Bagley.....	Jan. 1875	1500	1 W. Jan.	Tu. aft. 1 M. Nov.
Minnesota.....	St. Paul.....	Horace Austin.....	Jan. 1874	3000	Tu a 1 M Jan.	Tu. aft. 1 M. Nov.
Mississippi.....	Jackson.....	Ridgely C. Powers	Jan. 1874	3000	Tu a 1 M Jan.	Tu. aft. 1 M. Nov.
Missouri.....	Jefferson City....	<i>Silas Woodson....</i>	Jan. 1875	2500	Last M. Dec.	Tu. aft. 1 M. Nov.
Nebraska.....	Omaha.....	Robt. W. Furnas...	Jan. 1876	1000	Th a 1 M J'n	2 Tu. Oct.
Nevada.....	Carson City.....	<i>L. R. Bradley.....</i>	Jan. 1874	6000	1 M. Jan.	Tu. aft. 1 M. Nov.
N. Hampshire	Concord.....	Ezekiel A. Straw...	June, 1873	1000	1 M. June.	2 Tu. March.
New Jersey.....	Trenton.....	<i>Joel Parker.....</i>	Jan. 1875	3000	2 Tu. Jan.	Tu. aft. 1 M. Nov.
New York.....	Albany.....	John A. Dix.....	Jan. 1875	4000	1 Tu. Jan.	Tu. aft. 1 M. Nov.
North Carolina	Raleigh.....	Tod. R. Caldwell...	— 1876	5000	3 M. Nov.	1 Th. Aug.
Ohio.....	Columbus.....	Edward F. Noyes...	Jan. 1875	4000	1 M. Jan.	2 Tu. Oct.
Oregon.....	Salem.....	<i>Lafayette Grover.</i>	Sept. 1874	1500	2 M. Sept.	1 M. June.
Pennsylvania..	Harrisburg.....	John F. Hartranft..	Jan. 1876	5000	1 Tu. Jan.	2 Tu. Oct.
Rhode Island..	Newport & Prov.	Seth Padelford.....	May, 1873	1000	May & Jan.	1 W. April.
South Carolina	Columbia.....	E. J. Moses, Jr.....	Jan. 1875	4000	4 M. Nov.	3 W. Oct.
Tennessee.....	Nashville.....	<i>John C. Brown....</i>	Oct. 1873	3000	1 M. Oct.	1 M. Aug.
Texas.....	Austin.....	Edmund J. Davis...	Jan. 1874	5000	1 M. Nov.	1 M. Aug.
Vermont.....	Montpelier.....	Julius Converse....	Oct. 1873	1000	2 Th. Oct.	1 Tu. Sept.
Virginia.....	Richmond.....	<i>Gilbert C. Walker.</i>	Jan. 1874	5000	1 M. Dec.	Tu. aft. 1 M. Nov.
West Virginia.	Wheeling.....	<i>John F. Jacob....</i>	Mar. 1875	2000	2 Tu. Jan.	4 Th. Oct.
Wisconsin.....	Madison.....	John B. Henderson	Jan. 1876	1250	1 W. Jan.	Tu. aft. 1 M. Nov.

Biennial sessions of legislature and elections in even years—as 1872-74, etc.—in Kentucky, Missouri, North Carolina, Oregon, and Vermont. Biennial sessions in even years (elections in the years immediately preceding) in Arkansas, Iowa, Maryland and Ohio. Biennial sessions and elections in odd years—as 1873-75, etc.—in California, Tennessee, Texas and Virginia. Biennial sessions in odd years (elections in the years immediately preceding) in Delaware, Georgia, Illinois, Indiana, Kentucky, Michigan, Nebraska, Nevada and Tennessee.

TERRITORIES.

Territories.	Capitals.	Governors.	Territories.	Capitals.	Governors.
Alaska.....	Sitka.....	[Not organized.]	Indian.....	Talequah.....	Native Chiefs.
Arizona.....	Tucson.....	A. P. R. Safford.	Montana.....	Deer Lodge....	Benj. F. Potts.
Colorado.....	Denver.....	Edw. M. McCook.	New Mexico...	Santa Fé.....	Marsh Giddings.
Dakota.....	Yankton.....	John A. Burbank.	Utah.....	Salt Lake City	George L. Woods.
D. of Columbia	Washington....	Henry D. Cooke.	Washington....	Olympia.....	Elisha P. Ferry.
Idaho.....	Boisé City.....	T. W. Bennett.	Wyoming.....	Cheyenne.....	J. A. Campbell.

THE number of persons now employed on the Philadelphia *Ledger* is three hundred and fifty-six. The establishment is one of the largest and

completest possessed by any daily newspaper in the world. Mr. Childs, its publisher, deserves his great success.—*New York Ledger*.

GOVERNMENT OF THE COMMON-WEALTH OF PENNSYLVANIA.

Governor,
JOHN F. HARTRANFT.

STATE LEGISLATURE.

Session of 1873.

SENATE.

Philadelphia—J. B. Alexander, R.; Elisha W. Davis, R.; David A. Nagle, D.; A. K. McClure, D.

V. Chester and Delaware—W. B. Waddell, R. VI. Montgomery—Elect in 1873.

VII. Bucks and Northampton—Jesse W. Knight, D.

VIII. Berks—J. Depuy Davis, D.

IX. Lancaster—John B. Warfel, R.

X. Schuylkill—Wm. M. Randall, D.

XI. Lehigh and Carbon—Edwin Albright, D.

XII. Dauphin and Lebanon—J. G. Heilman, R. XIII. Luzerne, Monroe and Pike—Francis D. Collins, D.; G. H. Rowland, D.

XIV. Bradford, Susquehanna, Wayne and Wyoming—Lafayette F. Fitch, R.

XV. Columbia, Montour, Lycoming and Sullivan—T. Chalfant, D.

XVI. Cameron, McKean, Potter and Tioga—Butler B. Strang, R.

XVII. Snyder, Perry, Northumberland and Union—Andrew H. Dill, D.

XVIII. Clinton, Cambria, Clearfield and Elk—Wm. A. Wallace, D.

XIX. Cumberland and Franklin—James M. Weakley, R.

XX. Adams and York—Wm. McSherry, D.

XXI. Bedford, Fulton, Blair and Somerset—J. A. Lemon, R.

XXII. Centre, Juniata, Mifflin and Huntingdon—D. M. Crawford, D.; R. B. Petriken, D.

XXIII. Allegheny—J. L. Graham, R.; G. H. Anderson, R.; M. S. Humphreys, R.

XXIV. Indiana and Westmoreland—Harry White, R.

Fayette and Greene—W. H. Playford, D.

Beaver, Butler and Washington—James S. Rutan, R.

Clarion, Armstrong, Jefferson and Forrest—D. McClay, R.

Lawrence, Mercer and Venango—S. McKinley, R.

Crawford—G. B. Delamater, R.

Erie and Warren—G. H. Cutler, R.

Republicans, 18; Democrats, 15.

HOUSE OF REPRESENTATIVES.

Philadelphia.

1 Geo. H. Smith, R.

2 R. C. Tittermary, R.

3 Sam. Josephs, D.

4 Wm. Elliott, R.

5 J. Welsh, Ind.

6 C. A. Porter, R.

7 J. McCullough, R.

8 Sam. Daniels, R.

9 Wm. H. Vegdes, R.

10 Sam. D. Dailey, D.

11 J. B. Hancock, R.

12 J. R. Ash, R.

13 Sam. D. Strock, R.

14 John Lamon, R.

15 Adam Albright, R.

16 A. D. Levering, R.

17 H. Burns, R.

18 J. Newell, R.

Adams.

W. S. Hildebrand, D.

Allegheny.

1 H. H. McCormick, R.

2 S. J. Wainright, R.

3 J. C. Newmyer, R.

4 A. B. Young, R.

5 A. D. Ramsey, R.

6 Hyde K. Samples, R.

7 J. W. Ballantine, R.

Armstrong.

Philip K. Bowman, R.

Beaver, Butler and Washington.

1 S. J. Cross, R.

2 W. S. Waldron, R.

3 E. McKee, R.

4 J. Allison, R.

Bedford and Fulton.

J. M. Reynolds, D.

Berks.

1 M. McCullough, D.

2 B. E. Dry, D.

3 John A. Conrad, D.

Blair.

S. R. McCune, R.

Bradford.

1 B. S. Dartt, R.

2 E. R. Meyer, R.

Bucks.

1 Samuel Darrah, D.

2 G. E. Hegeman, D.

Cambria.

Samuel Henry, R.

Cameron, Elk and Jefferson.

D. P. Baird, D.

Carbon and Monroe.

Richard S. Staples, D.

Centre.

J. H. Orvis, D.

Chester.

1 Levi Prizer, R.

2 E. W. Bailey, R.

Clarion and Forrest.

J. B. Lawson, D.

Clearfield.

John Lawshe, D.

Clinton, Lycoming and Sullivan.

1 A. C. Noyes, D.

2 H. W. Petriken, D.

Columbia.

C. B. Brockway, D.

Crawford.

1 F. Bates, R.

2 — Oliver, R.

Cumberland.

M. Williams, D.

Dauphin and Perry.

1 Andrew K. Black, R.

2 I. S. Schminkey, R.

3 Joseph Shuler, R.

Delaware.

O. F. Bullard, R.

Erie.

1 E. H. Wilcox, R.

2 W. W. Brown, R.

Fayette.

Sam. H. Smith, D.

Franklin.

T. M. Mahon, R.

Greene.

J. Hagan, D.

Huntingdon.

F. H. Lane, R.

Indiana.

D. Ramsey, R.

Juniata and Mifflin.

G. Bates, D.

Lancaster.

1 A. H. Mylan, R.

2 D. K. Burkholder, R.

3 H. H. Tshudy, R.

Lawrence.

G. W. McCracken, R.

Lebanon.

W. Kauffman, R.

Lehigh.

1 B. Housman, D.

2 R. Stickel, D.

Luzerne.

1 E. P. Kisner, D.

2 Patrick Delacy, D.

3 P. Quigley, D.

4 B. D. Koons, D.

Mercer.

Nathan Morford, R.

Montgomery.

1 G. E. Nyce, R.

2 Oliver G. Morriss, D.

Northampton.

1 M. G. Stier, D.

2 R. C. Pyle, D.

Northumberland and Montour.

1 J. Amerman, D.

2 A. T. de Witt, D.

Pike and Wayne.

J. Howard Beach, D.

Potter and McKean.

C. S. Jouse, R.

<i>Schuylkill.</i>	<i>Tioga.</i>
1 T. Egan, D.	John I. Mitchell, R.
2 B. Kauffman, R.	<i>Venango.</i>
3 Charles F. King, D.	R. D. McCreary, R.
<i>Snyder and Union.</i>	<i>Warren.</i>
C. S. Wolfe, R.	Wm. H. Short, R.
<i>Somerset.</i>	<i>Westmoreland.</i>
J. R. McMiller, R.	1 John Latta, D.
<i>Susquehanna and Wyoming.</i>	2 A. Greenawalt, D.
1 R. M. Jouse, R.	<i>York.</i>
2 Martin Brunges, R.	1 G. W. Heiges, D.
	2 D. M. Loucke, D.

Republicans, 60; Democrats, 39; Independent, 1.

CONSTITUTIONAL CONVENTION OF PENNSYLVANIA, 1872-3.

President—WILLIAM M. MEREDITH.

Chief Clerk—D. L. IMBRIE.

Sergeant-at-Arms—JAMES ONSLOW.

DELEGATES AT LARGE.

Wm. M. Meredith, R.; J. Gillingham Fell, R.; Harry White, R.; Wm. Lilly, R.; Linn Bartholomew, R.; H. N. McAllister, R.; Wm. Davis, R.; James L. Reynolds, R.; Samuel E. Dimmick, R.; George V. Lawrence, R.; William H. Armstrong, R.; D. N. White, R.; W. H. Ainey, R.; John H. Walker, R.; Geo. W. Woodward, D.; Jeremiah S. Black, D.; A. G. Curtin, D.; Wm. J. Baer, D.; Wm. H. Smith, D.; Franklin B. Gowen, D.; John H. Campbell, D.; Samuel H. Reynolds, D.; James Ellis, D.; S. C. T. Dodd, D.; George M. Dallas, D.; Robt. A. Lamberton, D.; A. A. Purman, D.; Wm. L. Corbett, D.

DELEGATES AT LARGE IN PHILADELPHIA CITY.

Henry C. Carey, R.; Edward C. Knight, R.; John Price Wetherill, R.; Lewis C. Cassidy, D.; James H. Heverin, D.; Theo. Cuyler, D.

DISTRICT DELEGATES.

1st District—Philadelphia City—John Bardsley, R.; J. W. M. Newlin, R.; George W. Biddle, D.

2d, Philadelphia City—John E. Addicks, R.; Wm. B. Hanna, R.; John R. Read, D.

3d, Philadelphia City—M. Hall Stanton, R.; Wm. E. Littleton, R.; Benj. L. Temple, D.

4th, Philadelphia City—Wm. D. Baker, R.; J. Alex. Simpson, R.; Edward R. Worrell, D.

5th, Chester and Delaware—John M. Broomall, R.; William Darlington, R.; Joseph Hemphill, D.

6th, Montgomery—James Boyd, D.; Charles Hunsicker, D.; George N. Corson, R.

7th, Bucks and Northampton—Charles Brodhead, D.; George Ross, D.; George Lear, R.

8th, Berks—George D. Barclay, D.; Henry W. Smith, D.; Henry van Reed, R.

9th, Lancaster—David W. Patterson, R.; Henry Carter, R.; Henry G. Smith, D.

10th, Schuylkill—Joel B. McCamant, D.; Jno. M. Wetherill, D.; Thomas R. Bannan, R.

11th, Lehigh and Carbon—C. M. Runk, R.; Zachariah Long, D.; Edward Harvey, D.

12th, Dauphin and Lebanon—Josiah Funck, R.; Wayne McVeagh, R.; Hamilton Alricks, D.

13th, Luzerne, Monroe and Pike—Henry S. Mott, D.; G. W. Palmer, D.; A. B. Dunning, D.; Caleb B. Wright, D.; Henry W. Palmer, R.; Lewis Pughe, R.

14th, Bradford, Susquehanna, Wayne and Wyoming—Geo. F. Horton, R.; Wm. J. Turrell, R.; Joseph G. Patton, D.

15th, Columbia, Lycoming, Montour and Sullivan—John J. Metzger, D.; Charles R. Buckalew, D.; Henry C. Parsons, R.

16th, Cameron, McKean, Potter and Tioga—John S. Mann, R.; J. B. Niles, R.; M. F. Elliott, D.

17th, Snyder, Perry, Northumberland and Union—Joseph Bailey, R.; Levi Rooke, R.; Jno. P. Cronmiller, D.

18th, Clinton, Cambria, Clearfield and Elk—Geo. A. Aughenbaugh, D.; John G. Hall, D.; A. C. Finney, R.

19th, Cumberland and Franklin—S. M. Wherry, D.; J. M'D. Sharpe, D.; Jno. Stewart, R.

20th, Adams and York—Wm. McClean, D.; John Gibson, D.; Thos. E. Cochran, R.

21st, Bedford, Fulton, Blair and Somerset—Samuel L. Russell, R.; James W. Curry, R.; Augustus S. Landis, D.

22d, Centre, Juniata, Mifflin and Huntingdon—Jno. M. Bailey, D.; Andrew Reed, D.; John McCulloch, R.

23d, Alleghany—Thos. McConnell, R.; Samuel A. Purviance, R.; Thos. Ewing, R.; J. W. F. White, R.; Matthew Edwards, R.; Thos. Howard, R.; Malcolm Hay, D.; John B. Guthrie, D.; Thos. H. B. Patterson, D.

24th, Indiana and Westmoreland—Daniel S. Porter, R.; Andrew M. Fulton, R.; Silas M. Clark, D.

25th, Fayette and Greene—Daniel Kaine, D.; Charles A. Black, D.; John Collins, R.

26th, Beaver, Butler and Washington—John N. Purviance, R.; T. R. Hazzard, R.; William Hopkins, D.

27th, Clarion, Armstrong, Jefferson and Forrest—George W. Andrews, R.; John McMurray, D.; John Gilpin, D.

28th, Lawrence, Mercer and Venango—David Craig, R.; M. C. Beebe, R.; R. M. de France, D.

29th, Crawford—Frank Mantor, R.; Samuel Minor, R.; Pearson Church, D.

30th, Erie and Warren—Thos. Struthers, R.; C. O. Bowman, R.; Rasselas Brown, D.

Republicans, 69; Democrats, 64.

JOHN WALTER, Esq., of the London *Times*, recently had all his literary and mechanical staff—over three hundred in number—at his country seat, Bearwood Hall, and gave them a grand banquet. The only newspaper man in this country who does the same kind of thing, though on a larger scale, is Mr. Childs of the Philadelphia *Ledger*. He takes his entire force to Atlantic City or some other place, gives them a superb entertainment, makes many presents and keeps the lives of his principal editors, reporters, clerks, workmen, etc., well insured for the benefit of their families.—*Harper's Bazar*, New York.

CITY GOVERNMENT.

Mayor.—WM. S. STOKLEY.
Recorder.—JAMES GIVEN.
City Controller.—SAMUEL P. HANCOCK.
City Treasurer.—PETER A. B. WIDENER.
City Solicitor.—CHARLES H. T. COLLIS.
Receiver of Taxes.—THOMAS J. SMITH.
City Commissioners.—JAMES BAIN, ALEX. MCCUEN, THOMAS M. LOCKE.

City Council.

SELECT COUNCIL.

President.—WILLIAM E. LITTLETON.
Clerk.—JOSEPH H. PAIST.
Ass't Clerk.—ROBERT BETHELL.

Wards.

- | | |
|-------------------------|--------------------------|
| 1 Wm. K. Park, R. | 16 Vacant. |
| 2 William Warner, R. | 17 Thos. H. Spence, R. |
| 3 John C. McCall, D. | 18 William Bumm, R. |
| 4 Henry Marcus, D. | 19 Wm. F. Miller, R. |
| 5 John Cochran, D. | 20 Wm. Baldwin, R. |
| 6 John C. Bickel, D. | 21 Chas. T. Jones, R. |
| 7 J. A. Shermer, R. | 22 J. R. Gates, R. |
| 8 A. L. Hodgdon, R. | 23 E. A. Shallcross, R. |
| 9 George A. Eno, R. | 24 Henry Glass, R. |
| 10 Wm. B. Hanna, R. | 25 Nathaniel B. Boyd, R. |
| 11 Samuel G. King, D. | 26 Vacant. |
| 12 W. E. Littleton, R. | 27 Joseph P. Boon, R. |
| 13 J. L. Shoemaker, R. | 28 George A. Smith, R. |
| 14 Robt. W. Downing, R. | 29 Christ. Binder, D. |
| 15 W. W. Burnell, R. | |

Republicans, 21; Democrats, 6.

COMMON COUNCIL.

President.—A. WILSON HENSZEY.
Clerk.—JOHN ECKSTEIN.
Ass't Clerk.—ABRAHAM STEWART.

Wards.

- | | |
|--------------------------|--------------------------|
| 1 Wm. Calhoun, R. | 17 Wm. H. Ehret, D. |
| Amos Slack, R. | F. McBride, D. |
| D. M. Blackburn, R. | 18 F. Döebly, R. |
| 2 Thomas Hamilton, D. | W. T. Waples, R. |
| A. Peterman, R. | Jacob M. Davis, R. |
| W. W. Baxter, R. | 19 Sam'l A. Miller, R. |
| 3 Wm. H. Fagen, D. | Daniel Currie, R. |
| Owen Kaney, D. | T. B. M. Addis, R. |
| 4 J. F. Stockdale, D. | Frank Martin, R. |
| Shep. G. Young, D. | Chas. A. Souder, R. |
| 5 Philip Fitzpatrick, D. | H. Smithers, R. |
| E. S. Yard, R. | 20 Geo. Widener, R. |
| 6 J. S. Bispham, R. | George Dorlan, R. |
| 7 John Bardsley, R. | Clement Keen, R. |
| Wm. Greer, R. | Robt. Laughlin, R. |
| Wm. Divine, R. | 21 H. N. Uhler, R. |
| 8 J. C. Martin, R. | 22 J. C. Gilbert, R. |
| Geo. A. Shafer, R. | Gilbert Weir, R. |
| 9 James Vories, R. | 23 Jos. Cartledge, R. |
| Cyrus Horne, R. | Wm. Wright, R. |
| 10 George W. Hall, R. | 24 Geo. E. Hall, R. |
| A. W. Henszey, R. | Benj. F. Stokes, R. |
| 11 Thomas H. Gill, D. | Edward Lyster, R. |
| 12 A. H. Ladner, D. | 25 Wm. Baird, D. |
| 13 J. H. Kennedy, R. | Peter Gold, R. |
| Samuel Allen, R. | 26 Wm. Brady, R. |
| 14 W. F. Mitchell, R. | Philip H. Khlose, R. |
| H. C. Hawkins, R. | Horn R. Kneas, R. |
| 15 John F. Glenn, R. | John McConnell, R. |
| J. J. Martin, R. | 27 Wm. E. Rowan, R. |
| W. S. Reyburn, R. | 28 Allen L. Michener, R. |
| Joseph L. Caven, R. | 29 Richard C. Lloyd, D. |
| 16 Wm. Siner, R. | Sam'l Showaker, R. |
| Wm. H. White, R. | |

Republicans, 55; Democrats, 12.

Departments of the City Government.

DEPARTMENT OF POLICE.

Chief of Police.—Kennard H. Jones.
Fire Marshal.—Harrison G. Clark.

CAPTAINS OF POLICE.

First—Geo. W. Curry.
 Second—James C. Thompson.
 Third—Wm. R. Heins.
 Fourth—Lewis Godbou.

POLICE AND FIRE-ALARM TELEGRAPH.

Superintendent.—William J. Phillips.

FIRE DEPARTMENT.

Commissioners.—Jacob Loudenslager (Pres't), Geo. W. Plumly, Hamilton Disston, Jos. R. Lyndall, William A. Porter, William F. McCully, Joseph R. Edmundson.

Secretary.—John R. Cantlin.

Chief Engineer.—William H. Johnson.

DEPARTMENT OF HIGHWAYS.

Chief Commissioner.—Mahlon H. Dickinson.
Commissioners.—Wm. Rittenhouse, Isaac McBride.

DEPARTMENT OF MARKETS AND CITY PROPERTY.

Commissioner.—Jonathan H. Pugh.

BOARD OF REVISION OF TAXES.

Commissioners.—William Loughlin, Thomas Cochran, Samuel Haworth.

WATER DEPARTMENT.

Chief Engineer.—Wm. H. McFadden.
Register.—

SURVEY DEPARTMENT.

Chief Engineer and Surveyor.—Samuel L. Smedley.

REGISTRY BUREAU.

Chief Officer.—Samuel L. Smedley.
Register.—John H. Dye.

TRUSTEES OF GAS-WORKS.

Term expires.	Term expires.
Chas. E. Graff.....1875	N. Hilles (Pres't).....1874
Samuel S. Kelly.....1875	R. H. Beatty.....1874
Henry Bumm.....1874	Wm. R. Leeds.....1875
James McManes.....1874	A. C. Roberts.....1875
Nathan L. Jones.....1875	R. R. Campion.....1875
M. Hall Stanton.....1875	Fred. G. Wolbert.....1875

Chief Engineer.—Thomas R. Brown.

BOARD OF HEALTH.

Henry Davis (President), Charles B. Barrett (Secretary), James Steel, James A. McCrea, M.D., René la Roche, M.D., James West, Horatio G. Sickel, Thomas Stewardson, M.D., Conrad S. Grove, Edward Bennett, Wm. Read, Wm. H. Ford, M.D.

Health Officer.—John E. Addicks.

Chief Clerk.—Wm. P. Troth.

Registration Clerk.—George E. Chambers.

GUARDIANS OF THE POOR.

James Armstrong, Benj. Bullock, Joseph H. Collins, Robert T. Gill, Jacob Naylor (Treasurer), George W. Simons, John P. Verree, Isaac Ray, M.D., Ellis P. Phipps, Wm. K. Gilbert, M.D.; Samuel McMenamy, John M. Whitall (President).

BOARD OF PUBLIC EDUCATION, DEC. 1, 1872.

Wards.

- 1 A. S. Jenks.
- 2 A. Nebinger, M.D.
- 3 W. J. Jackson.
- 4 P. A. Fagen.
- 5 Lewis C. Cassidy.
- 6 M. R. Harris.
- 7 Lewis Elkin.
- 8 Simon Gratz.
- 9 James Freeborn.
- 10 D. Weatherly, Jr.
- 11 Thomas A. Fahy.
- 12 M. H. Stanton (Prest).
- 13 John B. Green.
- 14 Thomas R. Davis.
- 15 James S. Whitney.

Wards.

- 16 Wm. J. Gillingham.
- 17 John McAvoy, M.D.
- 18 Chas. M. Lukens.
- 19 James Milligan, Jr.
- 20 R. J. Lehman.
- 21 M. Blynn.
- 22 Edward Armstrong.
- 23 Richardson L. Wright.
- 24 Norris J. Hoffman.
- 25 James H. MacBride.
- 26 Wm. Ridings.
- 27 Daniel Steinmetz.
- 28 Chas. F. Abbot.
- 29 James Long.

Secretary.—Henry W. Halliwell.

INSPECTORS OF THE COUNTY PRISON.

John B. Biddle, M.D. (President), Joseph W. Bullock, Joseph K. Chandler, James A. Freeman, Henry C. Howell (Treasurer), Casper Wistar, William B. Page, M.D., J. Rodman Paul, M.D., Edmund Smith (Secretary), Robert P. Gillingham, John Price Wetherill.

MANAGERS OF THE HOUSE OF CORRECTION.

A. H. Franciscus (President), Thomas A. Barlow, Samuel Leonard, Samuel Kilpatrick, Samuel C. Willets, John Fry, Wm. M. Wilson, John Robbins, Jr., Samuel E. Stokes, Wm. A. Duff (Secretary).

INSPECTORS OF THE EASTERN PENITENTIARY.

Richard Vaux (President), Thomas H. Powers, Alexander Henry, Furman Sheppard (Treasurer), John M. Maris (Secretary).

BOARD OF BUILDING INSPECTORS.

James Zimmerman, John F. Shermer, George Hutchinson.

STEAM-ENGINE AND BOILER INSPECTION.

Chief Inspector.—John Overn.

DIRECTORS OF CITY TRUSTS.

Wm. Welsh (President), Gustavus S. Benson, Alexander Biddle, James Campbell, James L. Claghorn, Charles H. T. Collis, J. Gillingham Fell, Wm. H. Drayton, A. Wilson Henszey, Wm. E. Littleton, William B. Mann, John H. Michener, Henry M. Phillips (Vice President), Wm. S. Stokley, George H. Stuart, Henry W. Arey (Secretary).

GIRARD ESTATE.

Superintendent.—Charles S. Smith.

Assistant Superintendent.—James A. Kirkpatrick.

Agent.—Samuel S. Cavin.

BOARD OF PORT WARDENS.

Samuel J. Christian (President), Geo. W. Hacker, Richard Wood, Walter G. Wilson, Wm. M. Greiner, Francis C. Hill, William Cramp, Sr., W. B. Gallagher, Galloway C. Morris, John J. Kersey, George Truman, Jr., Jacob Walker, Robert Greer, Ludlam Matthews, Geo. Robinson, Preston Brearly, George Stockham, Richard H. Morris.

Master Warden.—James G. McQuaide.

Harbor Master.—Alex. P. Colesberry.

Clerk of Board.—George B. Miller.

COMMISSIONERS OF SOUTH STREET BRIDGE.

Moses A. Dropsie (President), William Struthers (Secretary), John Baird, L. N. Brognard, Quintus

C. Brown, Samuel Field, John K. Findlay, John H. Holmes, A. Wilson Henszey, John Kater, John L. Lawson, John W. Leigh, Wm. E. Littleton, Thomas Little, Matthew McCaw, Wm. B. Mann, Wm. Perry, Henry M. Phillips, Wm. J. Pollock, James Smyth, Wm. S. Stokley, John Price Wetherill.

Chief Engineer.—Samuel L. Smedley.

Contractor.—John W. Murphy.

COMMISSIONERS OF PUBLIC BUILDINGS.

Lewis C. Cassidy, Mahlon H. Dickinson, Samuel L. Smedley, Wm. E. Littleton, Samuel C. Perkins (President), Wm. S. Stokley, Thomas J. Barger, John L. Hill, Richard Peltz, Samuel W. Cattell, Hiram Miller, Thomas E. Gaskill, Wm. Brice, A. Wilson Henszey.

Secretary.—F. de Haes Janvier.

Architect.—John McArthur, Jr.

FAIRMOUNT PARK COMMISSION.

Theo. Cuyler, John P. McFadden, Joseph Harrison, Jr., A. Wilson Henszey, Samuel L. Smedley, William E. Littleton, James McManes, Morton McMichael (President), J. Edgar Thomson, Henry M. Phillips, Eli K. Price, J. H. Pugh, Gustavus Remak, Wm. Sellers, John Welsh.

Secretary.—David F. Foley.

Chief Engineer.—John C. Cresson.

BOARD OF COAL INSPECTORS.

First District, W. H. Taggart.

Second District, C. J. McAllister.

Third District, Joseph Moore.

DRUG INSPECTORS.

James N. Marks, Chas. L. Eberly, James T. Shinn, Henry B. Lippincott.

COAL-OIL INSPECTOR.

William J. P. White.

TRUSTEES OF CITY ICE-BOAT.

Galloway C. Morris, Thomas J. Martin, Robt. Patterson, Clement A. Griscom (President), Geo. W. Mears.

Secretary.—E. T. Halliwell.

County Officers.

Sheriff.

Wm. R. Leeds.

Prothonotary of the District Court.

William B. R. Selby.

Recorder of Deeds.

F. Theodore Walton.

Register of Wills.

Wm. M. Bunn.

District Attorney.

Wm. B. Mann.

Clerk of the Orphans' Court.

Joseph C. Tittermary.

Prothonotary of the Common Pleas.

John A. Loughridge.

Clerk of Quarter Sessions.

Henry H. Bingham.

Coroner.

J. G. L. Brown.

Appraisers of Mercantile Taxes.

J. Y. Fine, R. W. Cushman, M. Campbell, F. Mayhew, T. J. Nagle.

UNITED STATES OFFICERS.

Courts.*U. S. Circuit Court.*

Judges.—Hons. William Strong, William McKennan.

Clerk.—Samuel Bell.

U. S. District Court.

Judge.—Hon. John Cadwalader.

Clerk.—Gilbert R. Fox.

U. S. District Attorney.—Aubrey H. Smith.

U. S. Marshal.—James N. Kerns.

Supreme Court of Pennsylvania.

Chief Justice.—Hon. John M. Read.

Associate Judges.—Daniel Agnew, George Sharswood, Henry W. Williams, Ulysses Mercur.

Prothonotary.—James Ross Snowden.

District Court.

President Judge.—Hon. J. I. Clark Hare.

Associate Judges.—Hons. Martin Russell Thayer, James Lynd, James T. Mitchell, Amos Briggs.

Court of Common Pleas.

President Judge.—Hon. Joseph Allison.

Associate Judges.—Hons. James R. Ludlow, William S. Peirce, Edward M. Paxson, Thos. K. Finletter.

Custom-House.

Collector.—Seth I. Comly.

Deputies.—David F. Houston, Benj. Huckel.

Surveyor.—E. O. Goodrich.

Naval Officer.—J. A. Heistand.

General Appraiser.—Lorin Blodgett.

Post-Office.

Postmaster.—Geo. W. Fairman.

Mint.

Director.—James Pollock.

Assayer.—Wm. E. Dubois.

Melter and Refiner.—James C. Booth.

Coiner.—A. Loudon Snowden.

Engraver.—William Barber.

Treasurer.—George Eyster.

Internal Revenue.*First District.*

Office, United States Appraisers' Building, Second above Walnut.

Assessor.—Wm. B. Elliott.

Collector.—John B. Kenney.

Second District.

Office, 527 Chestnut st.

Assessor.—Charles B. Barrett.

Collector.—William J. Pollock.

Fifth District.

Assessor's office, Langstroth's Hall. Collector's office, Doylestown, Pa.

PENSION AGENTS.

For Widows.—David R. B. Nevin. Office, 716 Walnut st.

For Invalids and Army.—Horatio G. Sickel. Office, 722 Sanson st.

U. S. Navy Yard.

Commandant.—Commodore J. R. M. Mullany.

League Island Station.

Commandant.—Commodore Gustavus H. Scott.

U. S. Naval Asylum.

Governor.—Rear Admiral Melancton Smith.

U. S. Arsenal, Frankford.

Commandant.—Maj. Wm. H. Gill.

Progress of Population in Philadelphia from the Earliest Times, according to Census and Careful Estimates.

Year	CITY AND SUBURBS.		CITY AND COUNTY.	
	Dwelling Houses.	Population.	Dwelling Houses.	Population.
1683..	80	500		
1684..	.....	2500		
1700..	700	4500		
1744..	1500	9750		
1749..	2076	12,500		
1753..	2300	14,653		
1760..	2960	18,756		
1777..	5395	23,734		
1783..	6000	37,000		
1790..	6651	44,996		
1800..	9868	70,287	.....	54,391
1805..	13,461	.....	.....	81,009
1808..	City prop.	47,786	.....	.....
1810..	15,814	96,660	16,682	111,210
1820..	15,662	114,410	20,565	137,097
1830..	25,172	167,811	27,968	188,961
1840..	38,704	220,523	53,078	258,037
1850..	54,046	360,305	61,278	408,762
1860..	.....	.....	89,979	568,034
1870..	.....	.....	112,457	674,022

The census of 1777 was taken by order of Sir William Howe when the British army was in possession of the city. At that time many Whigs and patriots were absent, and it is estimated that the population in the same year before the entry of the British was about 30,000.

In 1854 the boundaries of the city were by the Consolidation Act extended over the whole of the county, so that the distinction between the city with the suburbs or adjoining incorporated districts and the county was abolished.

Public Debt of the United States, Less Cash in Treasury and Sinking Fund.

1871	Nov. 1.....	\$2,251,713,448	03
	Dec. 1.....	2,148,251,367	85
1872	Jan. 1.....	2,243,836,411	14
	Feb. 1.....	2,228,204,949	50
	Mar. 1.....	2,225,813,497	98
	April 1.....	2,210,331,529	34
	May 1.....	2,197,743,440	72
	June 1.....	2,193,517,378	94
	July 1.....	2,191,486,343	62
	August 1.....	2,188,058,656	44
	Sept. 1.....	2,177,322,020	55
	Oct. 1.....	2,166,994,677	46
	Nov. 1.....	2,161,766,265	14
	Dec. 1.....	2,169,568,030	32

FIRES IN PHILADELPHIA, 1871, 1872; Loss, \$15,000 and over.

Date.	Property destroyed.	Place.	Loss.
1871.			
Dec. 11.	John Dalton's woollen-mill.....	Factory st. above Twenty-fifth.....	\$17,000
" 22.	Whiting-works of John Petit & Co	New Market st. above Vine.....	26,000
1872.			
Jan. 5.	Moore & York's furniture factory	Levant st. above Spruce.....	18,000
" 25.	Store and manufactories.....	Minor st. above Fifth.....	18,000
" 26.	Pork-packing establishment.....	Sixth and Reed sts.....	20,000
Feb. 11.	Oil-cloth manufactory of Thomas		
" 14.	Potter, Son & Co.....	Second Street Road.....	100,000
" 29.	Shoe and leather warehouse of		
" 29.	Geo. F. Roedell & Co.....	305 North Third st.....	75,000
" 29.	Umbrella-factory of G. W. Carr		
" 29.	& Co.....	Twelfth and Willow sts.....	15,000
Mar. 2.	T. M. Adams & Co., hame factory	Sixteenth and Carpenter sts.....	20,000
" 4.	Dr. Jayne's building.....	Chestnut st. below Third.....	300,000
" 12.	Lumber-yards of H. R. Deacon,		
" 16.	L. C. Wilmouth, and others.....	Twentieth and Market sts.....	56,000
" 20.	E. P. Moyer & Bros., harness		
" 20.	factory.....	Market st. above Seventh.....	75,000
" 29.	Simmons & Slocum's Opera-		
" 29.	house.....	Arch st. above Tenth.....	50,000
April 2.	Store and factory of the Weikel		
" 4.	& Smith Spice Co.....	Front st. below Race.....	80,000
" 7.	Stewart's Franklin coal-oil works	Gibson's Point.....	25,000
" 9.	Stables of Knickerbocker Ice Com-		
" 13.	pany.....	American and Master sts.....	30,000
" 13.	Cooper's furniture factory.....	Frankford.....	31,000
" 13.	Baugh & Sons' phosphate works...	Morris st. and Delaware River.....	100,000
" 13.	Dépôt of the Second and Third		
" 13.	Streets P. R. W. Co.....	Frankford road and Lehigh avenue.....	30,000
May 10.	Cedar-ware manufactory of John		
" 19.	Rodgers.....	Barnett st.....	65,000
" 22.	Jayne's Building.....	Dock st. below Third.....	750,000
" 25.	Planing-mill of Gibson Crillman		
" 25.	& Co.....	Filbert st. above Twenty-first.....	22,000
" 26.	Clement & Dunbar's planing-mill.	Beach st. above Shackamaxon.....	35,000
" 27.	J. R. Downing's stationery store.	Eighth and Walnut sts.....	18,000
" 27.	Greenwood's woollen mill.....	Wissahickon.....	20,000
June 11.	Wilde's cotton and woollen mill...	Church and Adams sts., Frankford.....	30,000
" 22.	Stuart & Hunt's coal-oil works....	Islington lane above Nineteenth st.....	15,000
" 24.	Little, Wood & Lancaster's dye-		
" 28.	works.....	Ridge avenue, Falls of Schuylkill.....	20,000
" 28.	Varnish-works, etc.....	Girard Wharves, N. Delaware av. ab. Market.	40,000
July 1.	Elkin & Middleton's rectifying		
" 7.	establishment.....	Front st. below Vine.....	100,000
" 11.	Warehouse of T. B. Bickerton &		
" 22.	Co.....	Fourth st. below Market.....	45,000
" 25.	Store of Keystone Collar Co., and		
" 25.	Martien's printing office.....	Seventh st. below Market.....	15,000
" 25.	Bookbinding establishment of J.		
" 25.	E. Potter & Co.....	611 Commerce st.....	20,000
" 25.	Car and tube works of Allison &		
" 25.	Sons.....	Thirty-second and Walnut sts.....	200,000
" 25.	Planing-mill of Mahaffey & Yohe	Thirty-first and Chestnut sts.....	22,000
Aug. 4.	Simons' wagon-works.....	Second and Huntingdon sts.....	50,000
Oct. 3.	Warehouses of John Boyle and		
" 14.	Cockerill & Son.....	Front st. below Walnut.....	19,000
" 20.	Paint-works of G. H. Russell.....	Fourth st. above Vine.....	30,000
" 30.	R. J. Lehman's planing-mill....	Beach st. below Hanover.....	35,000
" 30.	Robert Savage's carpet manufac-		
" 30.	tory.....	2209 Amber st.....	20,000
Nov. 13.	Planing-mill of Alfred Teal, Car-		
" 15.	penters' Ice Dépôt, coal-yard,	N.E. cor. Eighth and Willow.....	50,000
" 19.	dwelling, etc.....	Laurel and Front sts.....	150,000
" 19.	Saw-mill and steel works of Henry		
" 19.	Disston & Sons.....	Brown st. above Fourth.....	34,000
" 19.	Planing-mill of D. B. Kelly, and		
" 19.	bedstead manufactory of Reibel		
" 19.	& Lincoln.....		

NECROLOGY OF PHILADELPHIA.

DEATHS OF LEADING CITIZENS.

Where no year is mentioned, the death took place in 1872.

Agnew, John, fire-engine builder, Oct. 26, aged 81 years.

Bache, Hartman, Col. of Engineers, U. S. A., and Brevet Brig.-Gen., Oct. 8, aged 74 years.

Baker, Chas. H., formerly hardware merchant, for some years President of the Philadelphia Insurance Company, Sept. 21, aged 80 years.

Barker, Jacob, formerly broker, financier and banker in New York and New Orleans, Dec. 26, 1871, aged 92 years.

Bell, John, M.D., physician, author and savan, Aug. 19, aged 77 years.

Biddle, Edward, formerly of Humphreys & Biddle, merchants at Liverpool, Mar. 23, aged 56 years.

Blackburn, Alexander W., once reporter for the press, lieutenant of police, fire detective, fire marshal, Nov. 30, 1871, aged 56 years.

Budd, Thomas A., lawyer, June 1, aged 73 years.

Brown, David Paul, counsellor-at-law, one of the oldest members of the Philadelphia bar, July 11, aged 76 years.

Butler, John G., fire commissioner, formerly Clerk of the Court of Quarter Sessions, Jan. 25, aged 35 years.

Canavan, Joseph J., morocco manufacturer, Aug. 18, aged 37 years.

Canby, Samuel T., member of Board of Health, director of Corn Exchange Bank, and retired merchant, Oct. 23, aged 63 years.

Chambers, Andrew R., formerly currier and leather merchant, Dec. 3, 1871, aged 66 years.

Chase, Rev. Robt. F., formerly of St. Mathias, Ascension and St. Peter's Memorial Chapel, P.E. churches, at Cambridge, Mass., Aug. 3.

Clark, Edward L., member of the firm of Thos. Watson & Sons, cracker bakers, Dec. 12, 1871, aged 48 years.

Clark, John, contractor, Lieutenant-Colonel, Councilman in 1860, member of the Legislature, 1867, Speaker of the House, 1869, May 30, aged 49 years.

Curtis, Rev. T. F., D.D., Baptist clergyman, for many years editorial contributor to the *Public Ledger*, at Cambridgeport, Mass., Aug. 9.

Darley, W. H. W., musician, organist of St. Luke's P.E. church, July 31, aged 71 years.

Dickson, Levi, formerly wholesale grocer, Mar. 13, aged 67 years.

Dickson, Samuel Henry, M.D., Professor of the practice of medicine in Jefferson College, Mar. 31, aged 74 years.

Eckfeldt, Jacob R., chief coiner U. S. Mint, Aug. 9, aged 70 years.

Eisenbrey, John, Jr., formerly manufacturer of cabinet-makers' veneers, etc., Sept. 6, aged 65 years.

Ellis, Amos, formerly brickmaker, subsequently lumber merchant, July 9, aged 63 years.

Farnum, John, merchant and cotton manufacturer, June 11, aged 81 years.

Fittler, Joseph P., M.D., physician and medicine manufacturer, April 29.

Frazier, John F., professor of chemistry and natural philosophy, University of Pennsylvania, Oct. 12, aged 60 years.

Gerhard, Wm. W., M.D., practicing physician, April 28, aged 63 years.

Grant, Samuel, formerly of Grant & Stone, shipping merchants, Sept. 23, aged 90 years.

Guillou, Constant, counsellor-at-law, Oct. 20, aged 60 years.

Hacker, Morris, miner and shipper of coal, Mar. 19, aged 40 years.

Hennessey, Rev. Michael, assistant priest at Roman Catholic church of St. Theresa and St. Francis, Fairmount, Mar. 21, aged 31 years.

Horstmann, William J., manufacturer of military goods, President of German Society and school of design, died in San Francisco, Cal., May 10, aged 52 years.

Jackson, Samuel, M.D., emeritus professor of the Institutes of Medicine, April 5, aged 95 years.

Keefe, John, manufacturer, formerly a leading politician in Southwark, Sept. 9, aged 88 years.

Landell, George, formerly a shipbuilder and lumber-merchant, June 9, aged 84 years.

Lawrence, R. V., pastor of Wharton Street M. E. church, July 1, aged 47 years.

Lewis, Wm. D., Jr., Brev. Brig.-Gen., formerly Colonel of 110th P.V., Jan. 19, aged 44 years.

Lex, Chas. E., lawyer, formerly President of Girard College, city solicitor, member of councils, May 16, aged 60 years.

Macomb, Wm. H., Commodore U. S. N., Aug. 12, aged 54 years.

McDermott, Rev. Cornelius, assistant pastor St. John's R.C. church, Aug. 24, aged 32 years.

Malone, Dr. Benjamin, commission merchant and Vice President of Mutual Fire Insurance Company, Dec. 28, 1871, aged 64 years.

Mason, Wm. G., engraver, July 13, aged 75 years.

Meade, George G., Maj.-Gen. U. S. Army, "The Hero of Gettysburg," Nov. 6, aged 57 years.

Millward, Wm., formerly leather manufacturer, member of Congress for the Third District, 1854-1858, U. S. Marshal, 1861, and Director of the U. S. Mint, Nov. 28, 1871, aged 55 years.

Nicholson, Wm. C., Commodore U. S. N., July 25, aged 72 years.

Orne, James H., carpet merchant, Nov. 30, 1871, aged 54 years.

Pape, Rev. Gabriel, for 30 years rabbi and pastor of the Beth-Israel (Polish) synagogue, Crown st. above Race, Jan. 5, aged 53 years.

Paul, Rev. Alfred, pastor First Presbyterian church of Hestonville, Nov. 18.

Parrish, Edward, M.D., druggist and professor of pharmacy, died at Ft. Sill, Indian Territory, Sept. 9, aged 50 years.

Rea, John, formerly upholsterer, the projector and owner of the United States Hotel, once situated on Chestnut st. between Fourth and Fifth, Dec. 29, 1871, aged 96 years.

Read, Thos. Buchanan, poet and painter, May 11, aged 50 years.

Roberts, Edward, formerly of A. S. & E. Roberts, wholesale druggists and chemists, Nov. 3, aged 73 years.

Saunders, Rev. Ephraim D., D.D., Presbyterian clergyman, formerly principal of Courtland Saunders Institute, a large donor to the Presbyterian Hospital, Sept. 13, aged 62 years.

Standbridge, John C. B., organ-builder, Dec. 15, 1871, aged 69 years.

Sully, Thomas, artist, historical and portrait painter, Nov. 5, aged 91 years.

Watson, Johannes, fire-proof safe manufacturer, formerly of Evans & Watson, Feb. 13, aged 65.

PLACES OF INTEREST IN PHILADELPHIA TO WHICH VISITORS ARE ADMITTED.

Academy of Natural Sciences, N. W. cor. Broad and Sansom. Open to visitors on Tuesdays and Fridays; price of admission, 10 cents.

Arsenal, United States, near Bridesburg. Daily on application.

Arsenal, United States, Gray's Ferry road near Washington avenue. Daily on week-days on application.

Almshouse, Blockley, West Philadelphia. Daily on week-days on application.

Asylum, United States Naval, Gray's Ferry road bel. South st. Daily on week-days on application.

Blind, Pennsylvania Institution for the Instruction of, N. W. cor. Twentieth and Race. Concert by the pupils and general admission to the buildings every Wednesday afternoon; admission 15 cents.

Carpenters' Hall, place of meeting of the first Congress, Carpenters' court, Chestnut st. between Third and Fourth. Open for visitors on week-days between 10 A.M. and 5 P.M.

Custom-house and Sub-treasury, Chestnut st., south side, between Fourth and Fifth. Daily between 9 A.M. and 3 P.M.

Correction, House of, junction of Pennepack Creek and Delaware River. Admission on week-days on application.

Deaf and Dumb, Pennsylvania Institution, N. W. cor. Broad and Pine. Daily on application except Sundays; tickets can be procured at the Public Ledger office.

Design, School of, for Women, S. W. cor. Merri-
 cker and Filbert. Admission on week-days between 10 and 3 o'clock on application.

Exchange, Merchants', N. E. cor. Third and Walnut. Open daily.

Exchange, Commercial, Second above Walnut. Open to strangers when introduced by members.

Gas Works, City, on the Schuylkill near Point Breeze; old city, Market and Twenty-third st.; Spring Garden, Morris st. near Fairmount. Open on week-days on application to the superintendents.

Girard College, Girard avenue west of Ridge. Open daily on week-days. Clergymen are not admitted in consequence of special directions in Stephen Girard's will; other visitors may procure tickets at the Public Ledger office.

Hospitals.—Pennsylvania, Eighth below Spruce. Visitors admitted on all days (except Saturdays and Sundays) between 10 A.M. and 5 P.M.

For the Insane, Male and Female Departments, between West Chester and Haverford roads, West Philadelphia. Visitors admitted on all days (except Saturdays and Sundays) between 10 A.M. and 5 P.M.

Wills, for the blind, Race st., south side, between Eighteenth and Nineteenth. Open on week-days to visitors on application.

Municipal, for contagious diseases, cor. of Hart lane and Lamb Tavern road. Permits to visit may be had at the office of the Board of Health.

Libraries.—Philadelphia and Loganian, S. E. cor. Fifth and Library. Open to visitors between 10 A.M. and 5 P.M.

Mercantile, Tenth above Chestnut. Open daily for strangers.

Historical Society of Pennsylvania, Spruce st. between Eighth and Ninth. Open on week-days

for strangers on application to the librarian, except during months of July and August.

Masonic Hall, Chestnut st. between Seventh and Eighth, north side. Open to visitors on Mondays between 10 A.M. and 4 P.M.

Mint, United States, N. W. cor. Chestnut and Juniper sts. Open to visitors free on all days but Saturday and Sunday between 9 and 12 A.M.

Morgue, cor. Delaware av. and Noble st.

Navy Yard, United States, Front st. below Washington. Open to visitors, upon application to the officer of the day, daily between 9 A.M. and 5 P.M.

Park, Fairmount, containing 2991 acres, extending from Fairmount along the Schuylkill and Wissahickon to Chestnut Hill on the east side of the Schuylkill, and from the Wire Bridge to a point opposite Manayunk on the west side of the Schuylkill. Open to visitors at all times.

Other Parks and Squares designed for public use.—Hunting Park, York road, Nicetown lane. Squares.—Washington, S. W. cor. Sixth and Walnut.—Franklin, N. W. cor. Sixth and Race sts.—Logan, N. W. cor. Race and Eighteenth sts.—Rittenhouse, S. W. cor. Walnut and Eighteenth.—Independence, adjoining the State-House.—Jefferson, S. W. cor. Third st. and Washington av.—Norris, cor. Susquehanna av. and Hancock st.—Parade Ground, N. W. of County Prison.

Prisons.—County or Moyamensing, Passyunk road below Tenth st. Permits for visitors are to be had of the inspectors.

Eastern Penitentiary, N. side of Coates st. W. of Twentieth. Tickets for admission daily, except Sunday, are to be had at the *Ledger* office.

House of Refuge, white and colored departments. Admission every afternoon except Saturday or Sunday. Tickets may be had at the *Public Ledger* office.

The *Public Ledger* building, composing and press-rooms, S. W. cor. Sixth and Chestnut, are always open to the inspection of strangers and visitors; over 110,000 persons were shown through this establishment last year.

The great Publishing and Bookselling House of J. B. Lippincott & Co., Nos. 715 & 717 Market st., open on application to strangers who may wish to examine the facilities of that immense establishment.

State-House or Independence Hall, Chestnut st. between Fifth and Sixth. Open on week-days between 9 A.M. and 5 P.M.

State-House Steeple. Tickets to be had of the superintendent at Independence Hall.

United States Naval Station, League Island. Admission, by application to the officer of the day, daily between 9 A.M. and 5 P.M.

Union League House, S. W. cor. Broad and Sansom. Admission only to strangers in the city upon introduction by a member.

Wagner Free Institute of Science, Seventeenth and Montgomery sts. Museums and cabinets open to visitors on week-days.

Water-works.—Fairmount, in Park, east side of Schuylkill River, north of Morris st.—Schuylkill (formerly Spring Garden), east side of Schuylkill River, Fairmount Park near Girard avenue.—Belmont or West Philadelphia, Fairmount Park, west side of Schuylkill River near Reading Railroad Bridge.—Delaware or Kensington, east side of Delaware River, near Gunners' Run.—Roxborough, east side of Schuylkill above Manayunk. All these are open in daytime to visitors.

THE GOVERNMENTS OF THE WORLD, NOVEMBER, 1873.

State.	Name of Ruler.	Title.	Population.	Religion.
United States.....	Ulysses S. Grant.....	President.....	31,443,790	Univ. Tole'n.
Brazil.....	Dom Pedro II.....	Emperor.....	7,677,800	Catholic.
Argentine Confederation...	Dom. F. Sarmiento....	President.....	1,171,800	Catholic.
Uruguay.....	Lorenzo Battle.....	President.....	240,965	Catholic.
Paraguay.....	M. Rivorola.....	President.....	1,337,431	Catholic.
Bolivia.....	A. Morales.....	President.....	1,987,352	Catholic.
Chili.....	F. Errazuriz.....	President.....	1,558,319	Catholic.
Costa Rica.....	J. M. Guardia.....	President.....	150,000	Catholic.
Ecuador.....	Gabriel Garcia Moreno.	President.....	1,040,371	Catholic.
Guatemala.....	Grandas.....	President.....	600,000	Catholic.
Honduras.....	Mendineta.....	President.....	350,000	Catholic.
Mexico.....	Lerdo de Tejada.....	President.....	7,665,420	Catholic.
Colombia.....	Eustorgia Salgar.....	President.....	2,223,837	Catholic.
Nicaragua.....	Vicente Cuadra.....	President.....	235,000	Catholic.
Peru.....	Manuel Prado.....	President.....	2,500,000	Catholic.
San Salvador.....	St. J. Gonzales.....	President.....	280,000	Catholic.
Venezuela.....	Guzman Blanco.....	President.....	1,515,000	Catholic.
Hayti.....	Nissage Saget.....	President.....	560,000	Catholic.
Dominica.....	Buenventura Baez.....	Provis. Pres.....	.....	Catholic.
Mosquito.....	Jamaso.....	Indian King.....	1,600	Pagan.
Great Britain.....	Victoria I.....	Queen.....	29,307,199	Prot. Epis.
France.....	Louis Adolphe Thiers..	Provis. Pres.....	37,472,732	Catholic.
Russia.....	Alexander II.....	Czar.....	75,148,690	Greek Church.
Austria.....	Francis Joseph I.....	Emperor.....	35,019,058	Catholic.
Sweden and Norway.....	Oscar II.....	King.....	5,224,287	Lutheran.
Denmark.....	Christian IX.....	King.....	2,677,278	Lutheran.
Holland.....	William III.....	King.....	3,521,416	Reformed.
Belgium.....	Leopold II.....	King.....	4,671,187	Lutheran.
Germany.....	William I.....	Emperor.....	.....	.....
Prussia.....	William I.....	King.....	23,580,701	Evangelical.
Waldeck and Pyrmont...	George.....	Prince.....	59,143	Evangelical.
Saxony.....	John.....	King.....	2,343,994	Lutheran.
Mecklenburg-Schwerin...	Fred. Francis.....	Grand Duke.....	552,612	Lutheran.
Mecklenburg-Strelitz.....	Fred. William.....	Grand Duke.....	98,255	Lutheran.
Saxe-Weimar-Eizenach...	Charles Alexander.....	Duke.....	280,201	Lutheran.
Oldenburg.....	Peter.....	Grand Duke.....	314,416	Lutheran.
Brunswick & Lunenburg.	William.....	Duke.....	293,388	Lutheran.
Saxe-Meinengen & Hild- burghausen.....	George.....	Duke.....	178,065	Lutheran.
Anhalt.....	Frederick.....	Duke.....	193,046	Evangelical.
Saxe-Altenburg.....	Ernest.....	Duke.....	141,839	Lutheran.
Saxe-Coburg-Gotha.....	Ernest II.....	Duke.....	164,527	Lutheran.
Schwarzburg-Rudolstadt.	George.....	Prince.....	73,752	Lutheran.
Schwarzburg-Sondersh'n	Gunther.....	Prince.....	66,189	Lutheran.
Reuss—Elder Line.....	Henry XXII.....	Prince.....	43,924	Lutheran.
Reuss—Younger Line.....	Henry XIV.....	Prince.....	86,472	Lutheran.
Lippe-Schaumburg.....	Adolphus.....	Prince.....	31,382	Evangelical.
Lippe-Detmold.....	Leopold.....	Prince.....	111,336	Reformed.
Lubeck—Free City.....	Th. Behn.....	Burgomaster.....	50,614	Prot. & Cath.
Bremen—Free City.....	O. Gildemeister.....	Burgomaster.....	104,091	Prot. & Cath.
Hamburg—Free City.....	G. H. Kirchenpauer...	Burgomaster.....	298,324	Prot. & Cath.
Upper-Hesse-Darmstadt.	Louis III.....	Grand Duke.....	252,451	Lutheran.
Liechtenstein.....	John II.....	Prince.....	7,150	Catholic.
Baden.....	Frederic.....	Grand Duke.....	1,369,291	Evangelical.
Hesse-Electoral.....	Fred. William.....	Prince.....	845,571	Lutheran.
Wurtemberg.....	Charles I.....	King.....	1,785,982	Lutheran.
Bavaria.....	Ludwig II.....	King.....	4,689,000	Catholic.
Spain.....	Amadeus I.....	King.....	16,560,813	Catholic.
Portugal.....	Louis Philippe.....	King.....	3,917,410	Catholic.
Italy.....	Victor Emanuel II.....	King.....	23,120,000	Catholic.
Andorra.....	N. Queradra.....	First Syndic.....	10,000	Catholic.
Greece.....	George I.....	King.....	1,067,216	Catholic.
Monaco.....	Charles III.....	Prince.....	1,200	Catholic.
Switzerland.....	M. Rognin.....	Pr. Fed. Coun..	2,390,116	Prot. & Cath.
San Marino.....	.....	Cpts. Regents..	7,600	Catholic.
Servia.....	Milan IV.....	Hospodar.....	985,000	Greek Church.
Roumania.....	Charles I.....	Domnu.....	450,921	Greek Church.
Montenegro.....	Nicholas I.....	Hospodar.....	130,000	Greek Church.
Turkey.....	Abdul Aziz.....	Sultan.....	32,490,000	Mohammedan.

GOVERNMENTS OF THE WORLD (*Continued*).

State.	Name of Ruler.	Title.	Population.	Religion.
China.....	T'oung-Chi.....	Hoang-Ti.....	415,000,000	Confuc. & Bud.
Corea.....	Zung Che.....	King.....	11,000,000	Confuc. & Bud.
Borneo.....	Abdul Mumen.....	Sultan.....	2,500,000	Confuc. & Bud.
Zanzibar.....	Burgosch Ben Said.....	Sultan.....	380,000	Mohammedan.
Muscat.....	Synd Toskes.....	Imaum.....	250,000	Mohammedan.
Persia.....	Nasser ed Dini.....	Shah.....	10,000,000	Mohammedan.
Japan.....	Montsohito.....	Tenno.....	35,000,000	Buddhic.
Anam (Cochin China).....	Tu Duc.....	King.....	13,500,000	Buddhic.
Siam.....	Chau-fa-chula Long Korn.....	First King.....	3,620,000	Buddhic.
Affghanistan.....	Shere Ali.....	Shah.....	5,000,000	Mohammedan.
Bokhara.....	Mozaffar-ed-di.....	Khan.....	2,000,000	Mohammedan.
Khokan.....	.....	Khan.....	1,000,000	Mohammedan.
Yemen.....	.....	Imaum.....	2,500,000	Mohammedan.
Beloochistan.....	.....	Khan.....	2,000,000	Mohammedan.
Khiva.....	Ali Kuli Khan.....	Taksir-Khan.....	2,000,000	Mohammedan.
Thibet.....	.....	Tale Lama.....	30,000,000	Buddhic.
Burma.....	Mendoon-men.....	King.....	3,000,000	Buddhic.
Egypt.....	Ismael-Pacha.....	Khedive.....	3,550,000	Mohammedan.
Abyssinia.....	Johannes.....	Emperor.....	4,000,000	Coptic Chris.
Madagascar.....	Ranavola II.....	Queen.....	4,700,000	Mo. & Chris.
Morocco.....	Sidi Mohammed.....	Emeer.....	8,000,000	Mohammedan.
Tripoli.....	Halil Pacha.....	Bey.....	1,500,000	Mohammedan.
Orange.....	J. H. Brand.....	President.....	37,000	Lutheran.
Trans-Vaal.....	M. W. Pretorius.....	President.....	300,000	Lutheran.
Liberia.....	Joseph J. Roberts.....	President.....	15,000	Univ. Tole'n.
Dahomey.....	Adahoonzou II.....	King.....	300,000	Pagan & Cath.
Sandwich Islands.....	Kamehameha V.....	King.....	69,800	Protestant.
Society Islands.....	Pomare.....	Queen.....	200,000	Pagan.
Fiji Islands.....	Thakombau.....	King.....	.....	.....

BRITISH POSSESSIONS IN AMERICA.

DOMINION OF CANADA—Governor-General, Frederick Temple Blackwood, Baron Dufferin and Clandeboyle.

Ontario—	Lieutenant-Governor,	W. P. Howland, C. B.
Quebec—	“ “	Sir Narcisse F. Belleau, Kt.
New Brunswick—	“ “	Lemuel Allen Wilmot, D. C. L.
Nova Scotia—	“ “	Lieut. Gen. Sir Chas. Hastings Doyle, K. C. M. G.
Columbia—	“ “	Anthony Musgrave.
Manitoba—	“ “	Adams G. Archibald.
Hudson Bay—	“ “	W. MacDougall, C. B.

NORTH AMERICAN COLONIES.

Prince Edward Island—	Lieut.-Gov.,	W. C. F. Robertson.
Newfoundland—	Lieut.-Gov.,	Col. J. S. Hill, C. B.
Bahamas—	Lieut.-Gov.,	J. P. Hennessy.
Barbadoes—	“	Rawson W. Rawson.
Bermuda—	“	Maj.-Gen. J. H. Lefroy.
Dominique—	“	Sir John P. Grant, K.C.B.
Jamaica—	“	W. Rowland Pyne.
Montserrat—	“	W. Hepburn Rennie.
St. Vincent—	“	Charles H. Rostright.
Tobago—	“	James Robert Langdon.
Trinidad—	“	.....

BRITISH WEST INDIA ISLANDS.

Antigua—Lieut.-Gov., Sir B. C. C. Pine.

To what cause or combination of causes is due all the success of the *Ledger*? What has made it an institution valuable to our city, with the “potentiality of wealth” to its proprietor? For this effect comes by cause. The answer is easily made. It is due, in the first place, to a proper estimate of public wants—to the adoption of a plan and a steady perseverance in the execution of that plan. The avowal of principles and the avoidance of party entanglements. The determination to make the paper and not its editor prom-

inent; to have no personal obligations to repay, no private injuries to revenge, through its columns. Boldness to argue against aristocratic claims and effete ideas, and the greater courage to breast the temporary storm of popular displeasure; to have independence enough to ask Alexander not to intercept the sunshine, and prudence enough to appeal from Philip drunk to Philip sober. Liberality in views and expediences will perfect and perpetuate what those causes have produced.—*Hon. Jos. R. Chandler.*

GLEANINGS.

HERE is the newest floral "sentiment": If you wish for heart's-ease don't look to mari-gold.

ADVICE, like snow, the softer it falls, the longer it dwells upon and the deeper it sinks into the heart.

THE three things most difficult are, to keep a secret, to forget an injury and to make good use of leisure.

A GREAT deal of what is called hypocrisy arises from the delicacy one has in offending the feelings of another.

CHEERFULNESS is not a proof that the mind is at ease, for often "in the midst of laughter the heart is sad."

WHENEVER you buy or sell, let or hire, make a clear bargain, and never trust to "We sha'n't disagree about trifles."

FRIENDSHIP.—Be not the first to break with a friend. Sorrow gnaws the heart of him who hath no one to advise with but himself.

FEW things are impracticable in themselves, and it is for want of application, rather than of means, that men fail of success.

TRUE religion shows its influence in every part of our conduct; it is like the sap of a living tree, which penetrates the most distant boughs.

THERE never did, and never will, exist anything permanently noble and excellent in any one who is a stranger to the exercise of resolute self-denial.

THERE are two eventful periods in the life of a woman—one, when she wonders whom she will have; the other, when she wonders who will have her.

NOSE-LOGY.—He knows his nose. I know he knows his nose. He said he knew I knew his nose; and if he said he knew I knew his nose, of course he knows I know he knows his nose.

THREE THINGS A WOMAN CANNOT DO.—Pass a bonnet shop without stopping, see a baby without kissing it, and admire a piece of lace without inquiring "how much it was per yard."

THERE are three kinds of men in this world—the "Wills, the Won'ts and the Can'ts. The former effect everything, the others oppose everything, and the latter fail in everything.

AN ingenious French writer observes that those who depend on the merits of their ancestors may be said to search in the root of the tree for those fruits which the branches ought to produce.

BE wise; prefer the person before money, virtue before beauty, the mind before the body; then hast thou in a wife a friend, a companion, who will bear an equal share in all thy toils and afflictions.

A DAUGHTER is almost always right when she endeavors to imitate her mother, but we do not think the mother is equally right when, at a certain period of life, she tries all she can to imitate her daughter.

By relying on our own resources we acquire mental strength; but when we lean on others for support, we are like an invalid who, having accustomed himself to a crutch, finds it difficult to walk without one.

KEEP doing, always doing; and whatever you do, do it with all your heart, soul and strength. Wishing, dreaming, intending, murmuring, talking, sighing and repining are all idle and profitless employments. The only manly occupation is to keep doing.

CHEERFULNESS.—A cheerful temper joined with innocence will make beauty attractive, knowledge delightful and wit good-natured. It will lighten sickness, poverty and affliction, and render deformity itself agreeable.

POVERTY.—All the arguments which are brought to represent that poverty is no evil show it to be evidently a great evil; you never find people laboring to convince you that you may live very happily upon a plentiful income.

SINGLE WOMEN.—It is among the most vulgar errors to consider women useless because they are single. Only look round your acquaintances; who is the one universally useful, the one applied to in every time of difficulty and trial? The single sister of the family.

HAPPINESS: THE INGREDIENTS REQUISITE.—There is nothing purer than honesty; nothing warmer than love; nothing brighter than virtue; and nothing more steadfast than faith. These, united in one mind, form the purest, the sweetest, the richest, the brightest and most steadfast happiness.

GENTILITY is neither in birth, manner nor fashion, but in the mind. A high sense of honor, a determination never to take a mean advantage of another, an adherence to truth, delicacy and politeness towards those with whom you have dealings, are the essential characteristics of a gentleman.

CHILDHOOD is like a mirror, catching and reflecting images from all around it. Remember that an impious or profane sentence, uttered by a parent's lip, may operate on the young heart like a careless spray of water thrown on polished steel, staining it with rust which no after scouring can efface.

IDLENESS.—Probably the man who deserves most of pity is he who is most idle; for as there are said to be pleasures in madness known only to madmen, there are certainly miseries in idleness which only the idle can conceive. "A busy man is troubled with but one devil," says the Turkish proverb, "but the idle man with a thousand." The Spanish proverb says, "Men are usually tempted by the devil, but the idle man positively tempts the devil."

THE first weed pulled up in the garden, the first seed put in the ground, the first dollar put in the savings bank and the first mile traveled on a journey, are all very important things; they make a beginning, and thereby a hope, a pledge, an assurance, that you are in earnest with what you have undertaken. How many a poor, idle, erring, hesitating outcast is now creeping and crawling his way through the world who might have held up his head and prospered if, instead of putting off his resolutions of amendment and industry, he had only made a beginning!

THE Philadelphia *Ledger* has probably the largest circulation of any daily paper in this country, if not in the world. Last week's daily issues were as follows: Monday, 83,000; Tuesday, 83,250; Wednesday, 83,500; Thursday, 83,500; Friday, 83,500; Saturday, 84,250. Total copies for the week, 501,000. If we were called upon to name the secret of the *Ledger's* popularity, we should attribute it to unflagging enterprise in obtaining news, its strong common sense, and, above all, its thorough honesty in the discussion of all questions of public interest.—*New York Evening Express*, October 3, 1872.

THERE are two things which grow stronger in the heart of man as he advances in years—the love of his country and of religion. Let them be ever so much forgotten in youth, they sooner or later present themselves to us arrayed in all their charms, and excite in the recesses of our hearts an attachment justly due to their beauty.

MATRIMONY.—Two persons who have chosen each other out of all the species, with a design to be each other's mutual comfort and entertainment, have, in that action, bound themselves to be good-humored, affable, discreet, forgiving, patient and joyful, with respect to each other's frailties and perfections, to the end of their lives.

If industry is no more than a habit, it is at least an excellent one. If you ask me which is the real hereditary sin of human nature, do you imagine I shall say pride, or luxury, or ambition, or egotism? No. I shall say indolence. Who conquers indolence will conquer all the rest. Indeed, all good principles must stagnate without mental activity.

PUNCTUALITY.—If you desire to enjoy life, avoid unpunctual people. They impede business and poison pleasure. Make it your own rule, not only to be punctual, but a little beforehand. Such a habit secures a composure which is essential to happiness; for want of it many people live in a constant fever, and put all about them in a fever too.

THE wedding ring is put upon the *fourth* finger of the woman's left hand, because in the original formulary of marriage it was placed first on the top of the thumb, with the words, "In the name of the Father;" then on the next finger, with, "And of the Son;" then on the middle finger, with, "And of the Holy Ghost;" and finally on the fourth, with the "Amen."

THE BEAUTY OF VIRTUE.—The following fine reflection is to be found in the life of Lord Herbert, of Cherbourg: "Everybody loves the virtuous, whereas the vicious do scarcely love one another." Upon the same subject an Arabian happily observed that he learned virtue from the bad, for their wickedness inspired him with a distaste of vice.

LOOK WHERE YOU'RE GOING.—If you intend to marry, if you think your happiness will be increased and your interests advanced by matrimony, be sure and "look where you're going." Join yourself in union with no woman who is selfish, for she will sacrifice you; with no one who is fickle, for she will become estranged; have naught to do with a proud one, for she will ruin you. Leave a coquette to the fools who flutter around her; let her own fireside accommodate a scold; and flee from a woman who loves scandal as you would flee from the evil one. "Look where you're going" will sum it all up. Young ladies, when you are surrounded by dashing men, when the tones of love and the words of compliment float out together, when you are excited by the movement of the whirling waltz or melted by the tenderness of the mellow music, arrest yourself in that rosy atmosphere of delight, and "look where you are going." When the daring hand is pressing yours, or your delicate tresses are being lifted by him you fancy loves you, when the moonlight invites to trusting and the stars seem to breathe out innocence, listen with caution to the words you hear, gaze into your heart unshrinkingly and "look where you're going."

If you should see a man digging a snowdrift with the expectation of finding valuable ore, or planting seeds on the rolling billow, you would say at once that he was beside himself; but in what respect does this man differ from you while you sow the seeds of dissipation in your youth, and expect the fruits of age will be a good constitution, elevated affections and holy principles?

THERE is a great difference between the two temporal blessings, health and wealth: wealth is most envied, but least enjoyed; health is frequently enjoyed, but the least envied; and the superiority of the latter is still more obvious when we reflect that the poorest man would not part with his health for money, but that the richest would gladly part with his money for health.

EQUALITY OF MAN'S DESTINY.—The different ranks and orders of mankind may be compared to as many streams and rivers of running water. All proceed from an original small and obscure source; some spread wider, travel over more countries and make more noise in the passage than others, but all tend alike to an ocean where distinction ceases, and where the largest and most celebrated rivers are equally lost and absorbed with the smallest and most unknown streams.

LYING supplies those who are addicted to it with a plausible apology for every crime, and with a supreme shelter from punishment. It tempts them to rush into dangers from the mere expectation of impunity; and when practiced with frequent success, it teaches them to confound the gradations of guilt, from the effects of which there is, in their imagination at least, a sure and common protection. It corrupts the early simplicity of youth; it blasts the fairest blossoms of genius; and will, most assuredly, counteract every effort by which we may hope to improve the talents and mature the virtues of those whom it affects.

THE WAY TO BE HAPPY.—Cut your coat according to the cloth is an old maxim, and a wise one; and if people will only square their ideas according to their circumstances, how much happier might we all be! If we would come down a peg or two in our notions in accordance with our waning fortunes, happiness would be always within our reach. It is not what we have or what we have not which adds to or subtracts from our felicity. It is the longing for more than we have, the envying of those who possess more, and the wish to appear in the world of more consequence than we really are which destroy our peace of mind, and eventually lead to ruin.

THE Philadelphia *Ledger* is a marvel of journalistic success, and its proprietor, Mr. George W. Childs, is one of the princes of America. The *Ledger* has reached an average daily circulation of 84,000 copies, and its advertising receipts are in the neighborhood of \$400,000 per annum. The success of the *Ledger* has often been a marvel to newspaper men, as it rarely meddles with politics or any other exciting questions, but confines itself to news, finance and social topics exclusively, in all which, and especially in its money articles, it is excellent. The *Ledger* building is one of the largest and most imposing edifices in the country, and in its interior arrangements is perhaps the most complete printing-office in the world.—*Chicago Tribune*, Oct. 10, 1872.

CONTENTS.

	PAGE		PAGE
Calendar for 1873.....	1	Calendar for November.....	22
Calendar for January.....	2	Places of Amusement Burned in Phil-	
Astronomical Information, etc.....	2	adelphia.....	22
Fixed and Movable Feasts, Fasts, etc.	2	Calendar for December.....	24
Comets	3	Government Telegraphs.....	24
Calendar for February	4	Churches and Religious Services in	
Eclipses in 1873.....	4	Philadelphia.....	28-37
The Ephemeris.....	4	Bishops, etc. of the Various Chris-	
Meteors and Shooting Stars.....	5	tian Denominations in the United	
Calendar for March.....	6	States.....	37, 38
Hebrew Calendar for 1873.....	6	United States Government, Executive	
First Things in Philadelphia.....	7, 9	and Judicial.....	39
Calendar for April.....	8	United States Government, Senate.....	40
Planets	8	United States Government, House of	
Calendar for May.....	10	Representatives.....	40, 41
Live Cattle Measure.....	10	Chief Officers of the United States	
Agriculture of Pennsylvania.....	11	Army for 1873.....	42
The Franco-Prussian War.....	11	Chief Officers of the United States	
Calendar for June.....	12	Navy for 1873.....	43
Excellent Interest Rules.....	12	United States Ministers to Foreign	
Europe	12	Courts.....	43
Value of School Property in Philadel-		Foreign Legations in the United States.	43
phia, 1871.....	13	State Governments in 1873.....	44
Industrial Exhibition Buildings.....	13	Territories	44
The Great Towns of England.....	13	Government of the Commonwealth of	
Calendar for July.....	14	Pennsylvania.....	45
Census of Canada in 1871.....	14	State Legislature.....	45, 46
Governors of Pennsylvania from 1681		Constitutional Convention.....	46
to 1873.....	15	Philadelphia City Government.....	47, 48
Calendar for August.....	16	United States Officers in Philadel-	
Capital and Industry of Philadelphia.	16	phia.....	49
The Schuylkill Water.....	17	Progress of Population in Philadel-	
The Name of God.....	17	phia.....	49
Vaccination Statistics.....	17	Public Debt of the United States.....	49
Calendar for September.....	18	Fires in Philadelphia, 1871-72.....	50
Westward, Ho!.....	18	Necrology of Philadelphia.....	51
Philadelphia Chronology for the Years		Places of Interest in Philadelphia.....	52
1871-72.....	19, 21, 23, 25-27	Governments of the World in Novem-	
Calendar for October.....	20	ber, 1873	53, 54
Philadelphia Vessels Captured by Pri-		British Possessions in America.....	54
vateers during the Rebellion.....	20	Gleanings.....	55, 56



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